

OFFICIAL NOTICE

PUBLISHED BY THE DEPARTMENT OF NEIGHBORHOOD  
SERVICES OF THE CITY OF MILWAUKEE

**INVITATION FOR BIDS FOR MECHANICAL DEMOLITION PROJECT OPENING 2-25-2020**

THE COMMISSIONER OF THE DEPARTMENT OF NEIGHBORHOOD SERVICES OF THE CITY OF MILWAUKEE ("Commissioner"), Milwaukee, Wisconsin, acting pursuant to Sec. 7-22-3, Milwaukee City Charter, will receive sealed bids for furnishing all labor and materials and performing all work necessary for and incidental to the demolition of eleven (11) primary buildings and one (1) secondary building located in the city of Milwaukee, Wisconsin, until **9:00 a.m.(central time) on Tuesday, February 25, 2020**, at which time all bids will be publicly opened and read. Any bids received after that time may be rejected and returned unopened.

1. Bids shall be awarded to lowest, qualified, responsive, and responsible bidder on a lump sum basis for Parcel 3A and 3B and lowest, qualified, responsive and responsible bidder on a per parcel basis for all other parcels.
2. All bids shall be held open for a period of sixty (60) days subsequent to the opening of bids and no bid may be withdrawn without the written consent of the Commissioner. **IN THE EVENT THE COMMISSIONER, DURING THE SIXTY DAYS FOLLOWING BID OPENING, TAKES NO ACTION RELATIVE TO THE BID OR BIDS RECEIVED, THEN THE BID OR BIDS SHALL BECOME NULL AND VOID WITHOUT RECOURSE OF ANY KIND BY EITHER THE BIDDER OR COMMISSIONER, ACTING ON BEHALF OF THE CITY.**

As part of the bid, each bidder shall submit a full and complete list of all the proposed subcontractors and the class of work to be performed by each, which list shall not be altered without the written consent of the Commissioner.

The Commissioner reserves the right to reject any and all bids at any time, if it is in the best interests of the City, and to waive any informalities in bidding.

Attention is called to the fact that: (a) the successful bidder will not discriminate against any qualified employee or qualified applicant for employment because of sex, race, religion, color, national origin or ancestry, age, disability, lawful source of income, marital status, sexual orientation, gender identity or expression, past or present membership in the military service, familial status, or based upon affiliation with, or perceived affiliation with any of these categories as provided by Section 109-9 of the Milwaukee Code of Ordinance This provision must be included in all subcontracts. (b) Contractor agrees that they will comply with all applicable requirements of the Americans with Disabilities Act of 1990, 42 U.S.C. 12101 et seq. (c) both parties understand that the City is bound by the Wisconsin Public Records Law, and as such all of the terms of this Agreement are subject to and conditioned on the provisions of Wis. Stat. Section 19.21, et seq. Contractor acknowledges that it is obligated to assist the City in retaining and producing records that are subject to Wisconsin Public Records Law, and that the failure to do so shall constitute a material breach of this Agreement, and that the Contractor must defend and hold the City harmless from liability under that law. Except as otherwise authorized, those records shall be maintained for a period of seven (7) years after receipt of final payment under this Agreement.

Successful bidder will be required to complete an Affidavit of Compliance/Disclosure of Participation in or Profits Derived from Slavery by Contractors before contract can be executed, if the company was established in or before 1865.

Small Business Enterprise (SBE) requirement for this project is 25% of the contract base bid.  
**For a complete listing of City of Milwaukee certified SBE firms please contact the Office of Small Business Development at 414-286-5534. More information can be found at [www.milwaukee.gov/osbd](http://www.milwaukee.gov/osbd)**

This bid includes a Local Business(LBE) incentive in accordance with Chapter 365 Milwaukee Code of Ordinances.

IT IS YOUR RESPONSIBILITY AS A BIDDER TO FAMILIARIZE YOURSELF WITH THIS ORDINANCE PRIOR TO SUBMITTING YOUR BID.


This bid includes Socially-Responsible Contractors (SRC) incentive in accordance with Chapter 310 Milwaukee Code of Ordinances. More information can be found at <https://city.milwaukee.gov/Purchasing/Programs/Socially-Responsible-Contractors-SRC-Program>.

COPIES OF THE CONTRACT DOCUMENTS MAY BE OBTAINED ELECTRONICALLY AT <http://city.milwaukee.gov/Demobids>

PRINTED COPIES MAY BE PURCHASED IN PERSON AT THE DEPARTMENT OF NEIGHBORHOOD SERVICES AT THE ADDRESS SHOWN BELOW. THE COST IS \$.20 PER PAGE.

**Anyone who requires an auxiliary aid or service for this event should contact the City of Milwaukee ADA Coordinator @ (414) 286-3475 or [ADACoordinator@milwaukee.gov](mailto:ADACoordinator@milwaukee.gov) as soon as possible but *no later than 72 hours before the scheduled event.***

**This material is available in alternative formats for individuals with disabilities upon request. Please contact the City of Milwaukee ADA Coordinator @ (414) 286-3475 or [ADACoordinator@milwaukee.gov](mailto:ADACoordinator@milwaukee.gov). Provide a 72 hour advance notice for large print and 7 days for braille documents.**

 Braille	Alternative formats are available upon request for individuals with disabilities.
Large Print	Contact the City of Milwaukee ADA Coordinator at (414) 286-3475 or <a href="mailto:ADACoordinator@milwaukee.gov">ADACoordinator@milwaukee.gov</a> .

DEPARTMENT OF NEIGHBORHOOD SERVICES  
OF THE CITY OF MILWAUKEE  
841 NORTH BROADWAY RM 105  
MILWAUKEE WI 53202-3650

February 10, 2019  
February 11, 2019

BID DOCUMENTS  
FOR  
**MECHANICAL DEMOLITION PROJECT**  
**OPENING TUESDAY, FEBRUARY 25, 2020**

Milwaukee, Wisconsin

DEPARTMENT OF NEIGHBORHOOD SERVICES

CITY OF MILWAUKEE

Room 105

841 North Broadway

Milwaukee, Wisconsin 53202-3650

**WHEN SUBMITTING A BID FOR THIS PROJECT, PLEASE  
USE FORMS INCLUDED IN THIS PACKET.**

## **5.0.0**

## **TECHNICAL SPECIFICATIONS**

(for this contract only)

### **5.1.0. PARCEL LOCATIONS AND DESCRIPTION OF STRUCTURES FOR MECHANICAL DEMOLITION PROJECT OPENING TUESDAY, FEBRUARY 25, 2020**

Parcel numbers, street addresses, approximate sizes of main structures to be demolished under this contract are listed in Section 5.7.0.

### **5.2.0. WORK BY OTHERS**

Certain disconnections from utilities to be made by others are noted under sec. 4.3.23., entitled "Utility Services: Protection and Disconnection."

### **5.3.0. WORK NOT INCLUDED IN CONTRACT**

- A. Work mentioned in Technical Specifications as not being a part of this contract.
- B. Replacing of curb and walk removed in connection with demolition of street walk basements (sidewalk vaults).
- C. Trees which are not damaged and are not obstructions to demolition as interpreted by the Commissioner, or unless otherwise noted in the Technical Specifications.

### **5.4.0. DEMOLITION WORK WITHIN PARCELS**

- A. The structures, including foundation walls, columns, piers, floors, partitions, and attached appurtenances shall be removed down to a level two feet below the present ground level unless otherwise noted in Section 5.6.0 SCHEDULE OF DETAILED WORK WITHIN PARCELS and in any case two feet below the accepted finished grade by any method allowable under the City Building Code except for the following provisions.
- B. It shall be understood that the Contractor shall take whatever precautions are necessary to protect the City sidewalk. The Contractor shall also provide protection to the electric power poles and lines.
- C. The Contractor shall remove all portions of footing and foundation walls to a depth of two feet below finish grade unless otherwise noted in Section 5.6.0 SCHEDULE OF DETAILED WORK WITHIN PARCELS. All building concrete slabs, concrete stoops and concrete stairs to the buildings are also to be removed.
- D. All material and debris which would be disallowed for use as fill by sec. 4.5.6. is to be completely removed from the site and properly disposed of in accordance with all Environmental Requirements (as defined in sec. 4.5.1. above), except with the express advance, written permission of the Commissioner.
- E. All concrete or masonry floors below existing grade shall be broken up to pieces no larger than approximately one foot in all directions to permit fill to drain.



### **5.5.0. SCHEDULE OF DRAWINGS**

### **5.6.0. SCHEDULE OF DETAILED WORK WITHIN PARCELS (ALL WORK TO BE DONE IN ACCORDANCE WITH THE CITY OF MILWAUKEE DEPARTMENT OF NEIGHBORHOOD SERVICES DEMOLITION AND SITE CLEARANCE GENERAL SPECIFICATIONS (1999 REVISION) )**

Parcel 1 — 2741-43 North 10<sup>th</sup> Street – 2-story frame 2-family dwelling

Remove dwelling, garage slab, sidewalks, concrete steps, trees, bushes and shrubs, driveway and approach and one curb cut. Contractor shall be responsible for removal of all tree stumps on this parcel as part of the demolition. Because demolition will result in the discontinuance of the use of an existing driveway, removal of the driveway and restoration of the street pavement, curb, gutter and sidewalk shall be a condition of the issuance of the demolition permit in accordance with section 218-6-10 of the Milwaukee Code of Ordinances. The cost of street pavement, curb, gutter and sidewalk removal and replacement is to be included in the bid price. Concrete work must be done by a licensed concrete contractor under DPW permit in accordance with DPW specifications. Any and all applicable permit fees are to be included in the bid price. Type 1 barricades with flashers must be placed in the road after curb removal. Barricades must be placed at each end of walk removal. Any winter protection of concrete is the responsibility of the contractor. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. **BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. (6 days to complete)**

Parcel 2 – 2430 North 11<sup>th</sup> Street – 1.5-story frame 1-family dwelling

Remove dwelling, fences, garage slab, sidewalks, concrete steps, trees, bushes and shrubs. Contractor shall be responsible for removal of all tree stumps on this parcel as part of the demolition. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. **BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. (8 days to complete)**

Parcel 3A – 3101 North 20<sup>th</sup> Street – 2.5-story frame 2-family dwelling

Remove dwelling, fences on the north side of lot, sidewalks, concrete steps and railings, trees, bushes and shrubs. Contractor shall be responsible for removal of all tree stumps on this parcel as part of the demolition. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. **BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. (8 days to complete)**

Parcel 3B – 3105 North 20<sup>th</sup> Street – 1.5-story frame 1-family REAR dwelling

Remove REAR dwelling only. Remove sidewalks and concrete steps and railings serving rear dwelling only. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. **The asbestos-containing materials and universal waste identified in HMG's report have been abated by a contractor hired by the City of Milwaukee. (5 days to complete)**

Parcel 4 – 3245 North 25<sup>th</sup> Street – 2-story frame 2-family dwelling

Remove dwelling, garage retaining wall, fences, garage slab, sidewalks, clothes poles, concrete steps and railings, trees, bushes and shrubs. Contractor shall be responsible for removal of all tree stumps on this parcel as part of the demolition. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. **BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. (7 days to complete)**

Parcel 5 – 3286 North 25<sup>th</sup> Street – 2-story frame 2-family dwelling

Remove dwelling, fences and sidewalks. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. **BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. (8 days to complete)**

Parcel 6 – 3133 North 27<sup>th</sup> Street – 2-story frame 2-family dwelling

Remove fire-damaged dwelling, fences, garage slab, sidewalks, clothes poles, concrete steps and railings, trees, bushes and shrubs. Contractor shall be responsible for removal of all tree stumps on this parcel as part of the demolition. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. **BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. (6 days to complete)**

Parcel 7 – 2841 North 29<sup>th</sup> Street–2.5-story frame 2-family dwelling and 1-story frame garage

Remove dwelling and garage, garage slab, sidewalks, concrete steps and railings, trees, bushes and shrubs. Contractor shall be responsible for removal of all tree stumps on this parcel as part of the demolition. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. **ASBESTOS-CONTAINING MATERIALS AND UNIVERSAL WASTE LISTED IN THE REPORT WILL BE ABATED BY THE CITY'S CONTRACTOR PRIOR TO AWARD OF THE PARCEL FOR DEMOLITION.**

**The Milwaukee Fire Department will be using this building for burn training exercises for a recruit class. The City anticipates release of the parcel for demolition in July 2020 after the MFD has used the building for training. (6 days to complete)**

Parcel 8 – 2635 North 35<sup>th</sup> Street – 2.5-story frame 2-family dwelling

Remove dwelling, fences, garage slab, sidewalks, trees **except** large tree at garage slab, bushes and shrubs. Contractor shall be responsible for removal of all tree stumps on this parcel as part of the demolition. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. **BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. (8 days to complete)**

Parcel 9 – 4563 North 38<sup>th</sup> Street – 1.5-story frame 1-family dwelling

Remove fire-damaged dwelling, garage slab, patio, sidewalks, bushes and shrubs. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. **BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. NOTE THAT THE INSPECTOR FROM HMG WAS UNABLE TO GAIN ACCESS TO THE BASEMENT BECAUSE IT WAS FLOODED AT TIME OF INSPECTION. (6 days to complete)**

Parcel 10 – 1560 West Hopkins Street – 2-story frame 2-family dwelling

Remove dwelling, metal and wood fences, garage slab, patio, sidewalks, concrete steps, trees, bushes and shrubs, driveway and approach and one curb cut. Contractor shall be responsible for removal of all tree stumps on this parcel as part of the demolition. Because demolition will result in the discontinuance of the use of an existing driveway, removal of the driveway and restoration of the street pavement, curb, gutter and sidewalk shall be a condition of the issuance of the demolition permit in accordance with section 218-6-10 of the Milwaukee Code of Ordinances. The cost of street pavement, curb, gutter and sidewalk removal and replacement is to be included in the bid price. Concrete work must be done by a licensed concrete contractor under DPW permit in accordance with DPW specifications. Any and all applicable permit fees are to be included in the bid price. Type 1 barricades with flashers must be placed in the road after curb removal. Barricades must be placed at each end of walk removal. Any winter protection of concrete is the responsibility of the contractor. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a

demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. **ASBESTOS-CONTAINING MATERIALS AND UNIVERSAL WASTE LISTED IN THE REPORT WILL BE ABATED BY THE CITY'S CONTRACTOR PRIOR TO AWARD OF THE PARCEL FOR MECHANICAL DEMOLITION. NOTE THAT THE INSPECTOR FROM HMG WAS UNABLE TO GAIN ACCESS TO THE BASEMENT BECAUSE IT WAS FLOODED AT TIME OF INSPECTION. (8 days to complete)**

Refer to Section 5.7.0 for ownership information on the parcels.

The City of Milwaukee has contacted We Energies to cut gas and electrical services. Contractor is responsible for verifying that ALL utilities have been disconnected prior to starting work.

**REQUIRED EROSION CONTROL MEASURES FOR PARCELS: CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AN EROSION CONTROL PERMIT AND INSTALLING CONTROL MEASURES PER THE REQUIREMENTS OF CHAPTER 290 OF THE MILWAUKEE CODE OF ORDINANCES. MEASURES MUST BE IN PLACE PRIOR TO DEMOLITION ACTIVITIES COMMENCING. CONTROL MEASURES MUST BE INTACT AT FINAL INSPECTION AND ARE TO REMAIN ON SITE.**

**FAILURE TO REQUEST OPEN BASEMENT INSPECTION WILL RESULT IN THE INSPECTOR REQUIRING COMPLETE RE-EXCAVATION OF THE PARCEL.**

**CONTRACTOR IS REQUIRED TO CONTACT THIS DEPARTMENT TO ARRANGE FOR AN INSPECTION IF ADDITIONAL ASBESTOS-CONTAINING MATERIALS ARE FOUND IN THE BUILDING AFTER ASBESTOS ABATEMENT OR DEMOLITION HAS COMMENCED.**

**IF MORE THAN 5 WASTE TIRES ARE REMOVED FROM ANY SITE, THEY MUST BE TRANSPORTED BY A LICENSED WASTE TIRE TRANSPORTER. LICENSED TRANSPORTER MUST BE LISTED IN THE LIST OF SUBCONTRACTORS SUBMITTED WITH THE BID DOCUMENTS IF OTHER THAN PRIME CONTRACTOR. FOR INFORMATION ON LICENSED TRANSPORTERS, CONTACT CITY OF MILWAUKEE WASTE TIRE COORDINATOR AT 414-286-5028.**

**MANAGEMENT OF ANY MERCURY-CONTAINING PRODUCTS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.**

**MANAGEMENT OF ANY PCB'S OR PCB-CONTAINING PRODUCTS SHALL BE**

**IN ACCORDANCE WITH THE REQUIREMENTS OF ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS, INCLUDING CHAPTER NR157 OF THE WISCONSIN ADMINISTRATIVE CODE.**

**ANY REFRIGERANTS ON SITES MUST BE RECLAIMED BY A CERTIFIED CFC RECLAIMER. CERTIFIED RECLAIMER MUST BE LISTED IN THE LIST OF SUBCONTRACTORS SUBMITTED WITH THE BID DOCUMENTS IF OTHER THAN PRIME CONTRACTOR.**

**IF THE DEPARTMENT OF NEIGHBORHOOD SERVICES (DNS) HAS BEEN HOLDING A CONTRACT PAYMENT FOR A YEAR AND STILL HAS NOT RECEIVED REQUIRED DOCUMENTATION FROM THE CONTRACTOR TO CLOSE OUT THE CONTRACT, DNS MAY NOTIFY THE CONTRACTOR THAT UNLESS THE DOCUMENTATION IS FORTHCOMING WITHIN THIRTY (30) DAYS, THE PAYMENT WILL BE FORFEITED.**

**5.7.0. LOCATIONS AND DESCRIPTION OF BUILDINGS TO BE DEMOLISHED.  
(SEE ATTACHED)**

DEPARTMENT OF NEIGHBORHOOD SERVICES DEMOLITION PROJECTS

FORMAL BIDS

The complete Bid Documents shall include Bids for Demolition form, one Noncollusion Affidavit of Prime Bidder, one Bid Bond form, one Bid Bond Form Affidavit, one Certificate as to Corporate Principal, a complete List of Subcontractors, a completed Form B (Compliance Plan for SBE participation) and the Price Breakdown Sheet.

**The demolition contractor must include the plumbing contractor, asbestos abatement contractor, certified CFC reclaimer, licensed waste tire transporter and concrete contractor in the List of Subcontractors.**

If any bidder has any questions as to the Bid Documents or Specifications, please contact this office by calling 414-286-2515.

## BID FOR DEMOLITION

Department of Neighborhood Services  
841 North Broadway  
Milwaukee, Wisconsin

Gentlemen:

1. The undersigned, having familiarized \_\_\_\_\_ with the existing conditions on the Project Area affecting the cost of the work, and with the Contract Documents revised January, 1999, (which includes Invitation for Bids, Instruction to Bidders, the form of Bid, the form of the Bid Bond, Form of Contract (or agreement), form of Non-Collusion Affidavit, Addenda (if any), General Conditions, Technical Specifications, Drawings (as listed in the schedule of drawings), and Form of Surety Bond or Bonds); hereby proposes to furnish all supervision, technical personnel, labor, materials, machinery, tools, equipment and services including utility and transportation services and to perform and complete all work required for the demolition of eleven (11) primary buildings and one (1) secondary building located in the City of Milwaukee, for mechanical Demolition Project opening February 25, 2020, all in accordance with the above-listed documents;

(a) for the lump sum of \_\_\_\_\_ Dollars  
(\$ \_\_\_\_\_), in addition to and above the value of such salvage materials specified to become the property of the Bidder;

(b) in consideration of any salvaged materials which under the Contract Documents are to become the property of the Bidder and other benefits, will pay the Department of Neighborhood Services of the City of Milwaukee, the sum of

---

\_\_\_\_\_ Dollars  
(\$ \_\_\_\_\_),

(Bidder will strike out the subparagraph (a) or (b) not used.)



2. In submitting this Bid, the Bidder understands that the right is reserved by the Commissioner of the Department of Neighborhood Services of the City of Milwaukee to reject any and all Bids as provided in sec. 2.8.2. of the Instructions To Bidders. If written notice of the acceptance of this Bid is mailed, faxed or delivered to the undersigned within sixty (60) calendar days after the opening thereof, or at any time thereafter before this Bid is withdrawn, the undersigned agrees to execute and deliver an Agreement in the prescribed form and furnish the required bond within fourteen (14) calendar days after the agreement is presented to him or her for signature.

3. A Bid Guaranty equal in amount to at least 10% of the total bid is enclosed, which certified check, bank draft or bid bond is submitted as a guaranty of the good faith of the Bidder and as a further guaranty that the Bidder will enter into the written Contract as provided, if successful in securing the award thereof. It is hereby agreed that if at any time other than as provided in the Instructions to Bidder, the Bidder should withdraw this Bid, or if this Bid is accepted and there should be a failure on the part of the Bidder to execute the Contract and furnish the required surety bond or bonds, the Department of Neighborhood Services, in either of such events, shall be entitled and is hereby given the right to retain said Bid Guaranty.

4. Attached hereto is an affidavit in proof that the undersigned has not colluded with any person in respect to this Bid or any other Bid for the Contract for which this Bid is submitted.

5. The Bidder is prepared to submit a financial and experience statement upon request.

Date \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Company Name

OFFICIAL ADDRESS

By\_\_\_\_\_

\_\_\_\_\_  
TITLE \_\_\_\_\_

### 3.2.0. NON-COLLUSION AFFIDAVIT OF PRIME BIDDER

STATE OF \_\_\_\_\_)  
\_\_\_\_\_)SS  
COUNTY OF \_\_\_\_\_)

\_\_\_\_\_, being first duly sworn, deposes and says that:

- (1) S/he is \_\_\_\_\_,  
(owner, partner, officer, representative or agent)  
of \_\_\_\_\_, the Bidder that has submitted the attached Bid.
- (2) S/he is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid.
- (3) Such bid is genuine and is not a collusive or sham bid.
- (4) Neither the said Bidder nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly, with any other Bidder, firm or person to submit a collusive or sham Bid in connection with the Contract for which the attached Bid has been submitted or to refrain from bidding in connection with such Contract, or has had or will have communication or conference with any other Bidder, firm or person to fix the price or prices in the attached Bid or of any other Bidder or to fix the overhead, profit or cost element of the bid price or the bid price of any other Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Department of Neighborhood Services of the City of Milwaukee or any person interested in the proposed Contract.
- (5) The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.
- (6) Attached and following this affidavit is a full and complete list of all subcontractors and the class of work to be performed by each, which the Bidder proposes to use.

Subscribed and sworn to before me  
this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
Notary Public, Milwaukee County, WI

\_\_\_\_\_  
Title

My commission expires: \_\_\_\_\_

Rev. 1/00

**3.8.0.**

**BID BOND AFFIDAVIT**

STATE OF WISCONSIN)SS  
MILWAUKEE COUNTY )

\_\_\_\_\_ ,

being first duly sworn, on oath deposes and says that s/he is

\_\_\_\_\_

(Attorney-in-fact or agent)

of \_\_\_\_\_

surety on the within bond executed by

Affiant further deposes and says that no Commissioner or employee of the Department of Neighborhood Services of the City of Milwaukee, and no City official or employee of the City of Milwaukee has any interest, directly or indirectly in, or is receiving any premium, commission, fee or other thing of value on account of the sale or furnishing of said bid bond.

Subscribed and sworn to before me this

\_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_

\_\_\_\_\_  
Notary Public, Milwaukee County, Wisconsin

My commission expires \_\_\_\_\_

Rev. 1/00

**3.7.0. CERTIFICATE AS TO CORPORATE PRINCIPAL**

I, \_\_\_\_\_, certify that I am the  
\_\_\_\_\_ Secretary of the corporation  
named as Principal in the within bond; that  
\_\_\_\_\_, who signed the said bond on  
behalf of the Principal was then \_\_\_\_\_  
of said corporation; that I know his signature, and his signature thereto is genuine, and that said  
bond was duly signed, sealed, and attested to for and in behalf of said corporation by authority of its  
governing body.

\_\_\_\_\_ (Corporate)  
Title \_\_\_\_\_ (Seal)

**3.3.0.****COMPLETE LIST OF SUBCONTRACTORS**

(Include Plumbing Contractor, Hauling Contractor, Asbestos Abatement Contractor, Certified CFC Reclaimer, Licensed Waste Tire Transporter and Licensed Concrete Contractor)

	<b>Name of Proposed Subcontractor</b>	<b>Class of Work</b>
1.	<hr/> <hr/> Address	<hr/>
2.	<hr/> <hr/> Address	<hr/>
3.	<hr/> <hr/> Address	<hr/>
4.	<hr/> <hr/> Address	<hr/>
5.	<hr/> <hr/> Address	<hr/>
6.	<hr/> <hr/> Address	<hr/>
7.	<hr/> <hr/> Address	<hr/>
8.	<hr/> <hr/> Address	<hr/>



MECHANICAL DEMOLITION PROJECT OPENING 2-25-2020  
LOCATION AND DESCRIPTION OF BUILDINGS TO BE DEMOLISHED

Parcel Number	Address	Stories	Construc.	Occupancy	Residential Units	Owner	Cubic Footage
1	2741-43 North 10 <sup>th</sup> Street	2	frame	dwelling	2	CITY	30,000
2	2430 North 11 <sup>th</sup> Street	1.5	frame	dwelling	1	CITY	25,000
3A	3101 North 20 <sup>th</sup> Street	2.5	frame	dwelling	2	CITY	24,000
3B	3105 North 20 <sup>th</sup> Street	1.5	frame	REAR dwelling	1	CITY	15,000
4	3245 North 25 <sup>th</sup> Street	2	frame	dwelling	2	CITY	25,000
5	3286 North 25 <sup>th</sup> Street	2	frame	dwelling	2	CITY	28,750
6	3133 North 27 <sup>th</sup> Street	2.5	frame	dwelling	2	CITY	28,800
7	2841 North 29 <sup>th</sup> Street	2.5	frame	dwelling	2	CITY	30,000
	2841 North 29 <sup>th</sup> Street	1	frame	garage	-	CITY	6,000
8	2635 North 35 <sup>th</sup> Street	2.5	frame	dwelling	2	CITY	30,000
9	4563 North 38 <sup>th</sup> Street	1.5	frame	dwelling	1	CITY	12,000
10	1560 West Hopkins Street	2	frame	dwelling	2	CITY	15,8400

Demolition contractor has the responsibility of verifying the listed information before bid is submitted. Bid is to be based upon contractor's own inspection of the structures and sites. No guarantee is made as to the accuracy of the above listed information, and the bid/contract shall not be invalidated by any errors in the descriptions and sizes listed.





**CONTRACTOR MUST SUBMIT FORM WITH ALL ORIGINAL SIGNATURES.**

**BID BOND FORM**

KNOW ALL PERSONS BY THESE PRESENTS, That we the undersigned,

\_\_\_\_\_  
(Name of Principal)

as PRINCIPAL, and

\_\_\_\_\_, as SURETY  
(Name of Surety)

are held and firmly bound unto the Department of Neighborhood Services of the  
City of Milwaukee hereinafter called the "Building Inspector", in the sum of  
10 percent of the total bid of:

Parcel 1 \_\_\_\_\_ Dollars \$ \_\_\_\_\_

Parcel 2 \_\_\_\_\_ Dollars \$ \_\_\_\_\_

Parcel 3 \_\_\_\_\_ Dollars \$ \_\_\_\_\_

(sum of 3A & 3B)

Parcel 4 \_\_\_\_\_ Dollars \$ \_\_\_\_\_

Parcel 5 \_\_\_\_\_ Dollars \$ \_\_\_\_\_

Parcel 6 \_\_\_\_\_ Dollars \$ \_\_\_\_\_

Parcel 7 \_\_\_\_\_ Dollars \$ \_\_\_\_\_

Parcel 8 \_\_\_\_\_ Dollars \$ \_\_\_\_\_

Parcel 9 \_\_\_\_\_ Dollars \$ \_\_\_\_\_

Parcel 10 \_\_\_\_\_ Dollars \$ \_\_\_\_\_

**(bid price in words)**

**(bid price in numerals)**

lawful money of the United States, in addition to and above the value of such salvage materials specified to become the property of the Bidder, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has submitted the accompanying Bid,

dated \_\_\_\_\_, 20 \_\_\_\_, for DNS PROJECT OPENING 2-25-2020

DEMOLITION OF 11 PRIMARY BUILDINGS AND 1 SECONDARY BUILDING

NOW THEREFORE, if the Principal shall be awarded the contract and if his/her Bid shall not have been previously withdrawn in accordance with the provisions of the instructions to Bidders, and if the Principal shall enter into a formal contract with the Building Inspector in accordance with the accepted Bids, said Bid shall be accompanied by good and sufficient surety or sureties for the faithful performance of the work, then this obligation is void and of no effect.

However, in the event that the Principal shall be awarded the contract, his/her Bid not being previously withdrawn in accordance with the instructions to Bidders, and if the Principal shall neglect or fail to execute such contract or to give sufficient surety or sureties within the time specified, or if no time be specified, within 14 days, then the Principal and/or surety shall forfeit to the Building Inspector as liquidated damages the amount of this bond.

Revised 1/01

IN WITNESS WHEREOF, the above-bounded parties have executed this instrument under their several seals this

\_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, the names and corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

In presence of:

\_\_\_\_\_

\_\_\_\_\_(SEAL)  
(Individual Principal)

\_\_\_\_\_  
(Business Address)

\_\_\_\_\_

\_\_\_\_\_(SEAL)  
(Individual Principal)

\_\_\_\_\_  
(Business Address)

Attest:

\_\_\_\_\_

\_\_\_\_\_(SEAL)  
(Corporate Principal)

\_\_\_\_\_

\_\_\_\_\_  
(Business Address)

By \_\_\_\_\_ affix  
corporate  
seal

\_\_\_\_\_

\_\_\_\_\_

Attest:

\_\_\_\_\_

\_\_\_\_\_  
(Corporate Surety)

Countersigned

by \_\_\_\_\_  
Attorney-in-Fact

By \_\_\_\_\_ affix  
corporate  
Seal

State of \_\_\_\_\_

Power of attorney for person signing for surety company must be attached to bond

FORM B (3/13)

CITY OF MILWAUKEE DEPARTMENT OF NEIGHBORHOOD SERVICES  
AFFIDAVIT OF COMPLIANCE WITH THE  
SMALL BUSINESS ENTERPRISE (SBE) PROVISIONS

BIDS DUE: 2-25-2020

The bidders minimum commitment for SBE participation on this project is as follows:

REQUIRED OVERALL PROJECT PARTICIPATION			
	SBE	25%	

The Commissioner of the Department of Neighborhood Services reserves the right to reject and disqualify any bid that does not achieve the percentage requirement for this project. This also applies if the undersigned contractor fails to comply with the City's requirements as outlined in the SBE provisions.

The undersigned hereby states that s/he has not discriminated in any manner on the basis of race, sex, or national origin in any manner in the preparation of the attached bid or selection of subcontractors and/or material suppliers for such bid.

The undersigned acknowledges, understands and agrees that submission of a bid shall commit the bidder to comply with the City's SBE policy to achieve the City's stated percentage requirements for SBE participation on this contract, including submission of the information required by the proposed schedule of subcontractors and/or material suppliers.

CONTRACTOR AFFIRMS THAT THEY WILL MEET THE FOLLOWING MINIMUM SBE PROGRAM REQUIREMENTS: **(BIDDER MUST WRITE IN PERCENTAGE AND SUBMIT WITH BID DOCUMENTS.)**

**SBE:** \_\_\_\_\_ %

The undersigned also states that all the submitted SBE information is true and correct to the best of his/her knowledge.

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Company Name

STATE OF WISCONSIN )  
COUNTY OF MILWAUKEE )

Personally came before me this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_.

\_\_\_\_\_ who acknowledges that s/he executed the foregoing document for the purpose therein contained for and on behalf of said company.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

\_\_\_\_\_  
Notary Public, Milwaukee County, WI

My Commission expires: \_\_\_\_\_

**PRICE BREAKDOWN**

NO.	PARCEL ADDRESS	ASBESTOS ABATEMENT	DEMOLITION DWELLING	DEMOLITION GARAGE	TOTAL
1	2741-43 North 10 <sup>th</sup> Street (dwelling)				
2	2430 North 11 <sup>th</sup> Street (dwelling)				
3A	3101 North 20 <sup>th</sup> Street (dwelling)				
3B	3105 North 20 <sup>th</sup> Street (REAR dwelling)				
	LUMP SUM TOTAL FOR 3A & 3B				
4	3245 North 25 <sup>th</sup> Street (dwelling)				
5	3286 North 25 <sup>th</sup> Street (dwelling)				
6	3133 North 27 <sup>th</sup> Street (dwelling)				
7	2841 North 29 <sup>th</sup> Street (dwelling & garage)				
8	2635 North 35 <sup>th</sup> Street (dwelling)				
9	4563 North 38 <sup>th</sup> Street (dwelling)				
10	1560 West Hopkins Street (dwelling)				

NOTE: If bidder fails to list price breakdown for garage, it will be assumed that the cost to the City of Milwaukee for demolishing the garage is \$0.



DEPARTMENT OF ADMINISTRATION  
PURCHASING DIVISION

Revised December 28, 2016

**LOCAL BUSINESS ENTERPRISE (LBE) PROGRAM  
AFFIDAVIT OF COMPLIANCE**

**IMPORTANT: This form must be submitted with your bid to be considered for LBE status.**

Bid/RFP #: \_\_\_\_\_

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip \_\_\_\_\_

This signed and notarized affidavit of compliance will be the contractor's sworn statement that the business satisfies all of the following criteria:

1. Operates a business, or owns or leases property within the geographical boundaries of the City of Milwaukee. Post office boxes shall not suffice to establish status as a Local Business Enterprise.
2. A residential address may suffice to establish compliance as a Local Business Enterprise, but only if the business does not operate another business, or own or lease other real property, either within or outside the geographical boundaries of the City of Milwaukee.
3. Leased property shall not suffice to establish compliance as a Local Business Enterprise unless at least half of the acreage of all the real property owned or leased by the business is located within the geographical boundaries of the City of Milwaukee.
4. Has been doing business in the City of Milwaukee for at least one (1) year.
5. The business is not delinquent in the payment of any local taxes, charges or fees, or the business has entered into an agreement to pay any delinquency and is abiding by the terms of the agreement.
6. The business will perform at least 10% of the monetary value of the work required under the contract.

**IMPORTANT: Is your business certified as a Small Business Enterprise (SBE) with the City of Milwaukee?**

**Please Select: \_\_\_\_ Yes or \_\_\_\_ No**

**NOTE:** If you are the primary owner of more than one business location and the other business location(s) is not located within the geographical boundaries of the City of Milwaukee, the business you are seeking to qualify as a Local Business Enterprise must serve as the primary functionally operational entity that is capable of providing the required services, commodities, or supplies for the purposes of this Bid/RFP. If you own more than one business, please list the name of the business(es) and their addresses on the "Business Property Location" form.

**SITE VISITS:** Please note the contractor agrees to allow the City to verify Local Business Enterprise status by allowing City Staff to visit the operation(s) of the business that is seeking Local Business Enterprise status at any time without notice, in an effort to maintain the integrity of the City's bidding process.

I hereby declare compliance with the City of Milwaukee Code of Ordinances Chapter 365.

Authorized Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Date: \_\_\_\_\_

# NOTARIZATION

Subscribed to before me on this \_\_\_\_\_ day of \_\_\_\_\_ in the year \_\_\_\_\_, at  
\_\_\_\_\_ County, \_\_\_\_\_ State.

NOTARY PUBLIC SIGNATURE: \_\_\_\_\_

(SEAL)

PRINT NAME: \_\_\_\_\_

My commission expires: \_\_\_\_\_

**PLEASE SUBMIT THIS FORM WITH YOUR BID OR PROPOSAL TO:**

**841 NORTH BROADWAY, ROOM 105  
MILWAUKEE, WISCONSIN 53202**



DEPARTMENT OF NEIGHBORHOOD SERVICES

**LOCAL BUSINESS ENTERPRISE (LBE) PROGRAM  
BUSINESS PROPERTY LOCATION FORM**

**Important Note:** This form must be submitted with your bid to be considered for LBE status.

Bid / RFP # \_\_\_\_\_

**Property Location 1** Check one: Own ☐ Lease ☐

Name:	
Address:	
City, State, Zip	

**Property Location 2** Check one: Own ☐ Lease ☐

Name:	
Address:	
City, State, Zip	

**Property Location 3** Check one: Own ☐ Lease ☐

Name:	
Address:	
City, State, Zip	

**Property Location 4** Check one: Own ☐ Lease ☐

Name:	
Address:	
City, State, Zip	

**PLEASE SUBMIT THIS FORM WITH YOUR BID TO:**

DEPT. OF NEIGHBORHOOD SERVICES  
841 NORTH BROADWAY, ROOM 105  
MILWAUKEE, WISCONSIN 53202



### **Socially-Responsible Contractors (SRC) Application**

- A. If the bids of two or more socially-responsible contractors do not exceed the lowest bid by more than 5%, the contract shall be awarded to the socially-responsible contractor that submitted a bid that exceeded the lowest bid by the smallest amount.
- B. If a bid submitted by a non-socially-responsible contractor and a bid submitted by a socially-responsible contractor are identical, the contract shall be awarded to the socially-responsible contractor, even if the bids are only identical due to the 5% award standard provided for in this chapter.
- C. If two bids submitted by two socially-responsible contractors are identical, the winner will be determined in accordance with the process for tie-breakers as established by the City Purchasing Director.
- D. If the difference between the low bidder's amount and the lowest socially-responsible contractor amount is within 5% of the low bidder and exceeds \$25,000, then the provisions in SRC Application - point A shall not apply.
- E. SRC Application – point A shall only be applied to the “base bid”.
- F. If a bidder or proposer is seeking to qualify for the SRC bid incentive, that bidder or proposer may not also seek to qualify for the City's other bid incentive programs such as the Local Business Enterprise (LBE) bid incentive ([city.milwaukee.gov/Purchasing/Programs](http://city.milwaukee.gov/Purchasing/Programs)) or the Buy American bid incentive ([city.milwaukee.gov/Purchasing/Programs](http://city.milwaukee.gov/Purchasing/Programs)). Should there be a conflict between multiple bidders that are seeking to qualify for these incentives, precedence shall be given to the bidder seeking to qualify for a bid incentive in the following descending order:
1. LBE bid incentive
  2. Buy American bid incentive
  3. SRC bid incentive



DEPARTMENT OF ADMINISTRATION-PURCHASING DIVISION

**SOCIALLY-RESPONSIBLE CONTRACTORS (SRC)  
AFFIDAVIT OF COMPLIANCE**

**NOTE:** This affidavit must be completed in its entirety and submitted with your bid or proposal to be considered for SRC bid incentive.

Bid or RFP #: \_\_\_\_\_

Company Name: \_\_\_\_\_

Address, City, State, Zip: \_\_\_\_\_

A "Socially-Responsible Contractor" or "SRC" is an entity submitting a bid as part of the City's formal competitive bidding process that has acted or implemented a program to eliminate, or significantly reduce, barriers to employment for current and prospective employees of the contractor. Actions or implemented programs shall include at least three (3) of the programs listed in **Section I** below. To indicate which programs you have acted or implemented, place a checkmark in the box next to each item pertaining to the business entity as a bidder or proposer for the City of Milwaukee.

**I. SRC CRITERIA**

- ☐ A. Hire persons with felony convictions;
- ☐ B. Assist current or prospective employees with earning their high school diploma;
- ☐ C. Underwrite or facilitate industry-linked career-assessed pre-employment services and subsidized work experience including: internships, job shadowing, on-the-job training, and summer employment;
- ☐ D. Partner with an employment service agency to monitor and track individualized employment plans;
- ☐ E. Provide, underwrite, or facilitate industry-linked career-based instruction to current or prospective employees in areas such as the following: blueprint reading, basic math and measurement, technical math, labor history, construction culture and essential skills, health and safety awareness, manufacturing processes and production, maintenance, and budgeting and financial literacy;
- ☐ F. Provide or facilitate occupational skills training and related adult mentoring and networking;
- ☐ G. Underwrite or facilitate subsidized or unsubsidized programs which provide supportive services for current or prospective employees to obtain or fund the following:
  - A valid driver's license
  - Transportation vouchers to work and home
  - Appropriate work attire, work safety gear, and other needed equipment
  - Testing and certification fees
  - Legal aid services
  - Child care and family-related dependent care
  - Emergency housing, health care, and short-term emergency assistance
  - Career and training services
  - School supplies, books, and fees
  - Referrals for medical services and exams
  - Reasonable accommodations for persons with disabilities
- ☐ H. Partner with employment agencies to supplement subsidized wages to ensure employees receive a living wage;
- ☐ I. Provide breast feeding facilities for employees who are nursing children;
- ☐ J. Provide a minimum of 120 hours of paid sick leave;
- ☐ K. Provide a minimum of five (5) paid sick days;
- ☐ L. Provide an employer-assisted housing program providing homebuyer assistance in the form of mortgages, down payment assistance, or homebuyer education for residences within walking distance of their employer;
- ☐ M. Provide assistance to reduce fees and penalties on tardy child support payments, manage payment of child support arrears, and become current on child support obligations.

*Continue to the next page to complete Sections II & III*



## II. DISCLOSURE

The purpose of the *Socially-Responsible Contractor* Program (SRC) is to ensure contributions toward community betterment made by socially-responsible contractors are recognized and rewarded. Each bidder or proposer seeking to qualify for the SRC bid incentive shall submit, as part of its bid or proposal, this sworn affidavit describing actions taken and programs implemented to eliminate, or significantly reduce, the barriers to employment for current and prospective employees of the contractor. The outcomes of these actions and programs shall be described in verifiable detail in the section below. (Please include an attachment if additional line space is required).

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This signed and notarized affidavit of compliance will be the contractor's sworn statement that the business satisfies the criteria for Socially-Responsible Contractors pursuant to Chapter 310-10 of the City of Milwaukee Code of Ordinances.

I hereby declare compliance with Chapter 310-10 of the City of Milwaukee Code of Ordinances.

Authorized Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Date: \_\_\_\_\_

## III. NOTARIZATION

Subscribed to before me on this \_\_\_\_\_ day of \_\_\_\_\_ in the year \_\_\_\_\_, at  
\_\_\_\_\_ County, \_\_\_\_\_ State.

NOTARY PUBLIC SIGNATURE: \_\_\_\_\_

(SEAL)

PRINT NAME: \_\_\_\_\_

My commission expires: \_\_\_\_\_

**PLEASE SUBMIT THIS FORM WITH YOUR BID OR PROPOSAL TO:**  
**200 E. WELLS STREET, ROOM 601**  
**MILWAUKEE, WISCONSIN 53202**  
**OR FAX TO 414-286-5976**



## **DECONSTRUCTION INSPECTION REPORT**

### **Job Site:**

**Two Family Dwelling  
2741-43 North 10<sup>th</sup> Street  
Milwaukee, Wisconsin**

### **For:**

City of Milwaukee  
Department of Neighborhood Services  
Attn: Marge Piwaron  
841 North Broadway 1<sup>st</sup> Floor  
Milwaukee, Wisconsin 53202-3613

**HMG Report No.: 19-400-037.2741-43**

**Inspector: Cecil Trawick**

**Contract No.: 360-19-0975**

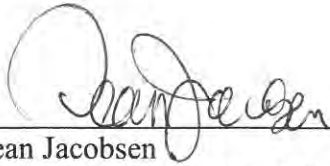
### **Prepared by:**

#### **HARENDA MANAGEMENT GROUP**

1237 West Bruce Street  
Milwaukee, Wisconsin 53204  
(414) 383-4800

**July 2019**

**Signature Page**  
Deconstruction Inspection Report  
Two Family Dwelling  
2741-43 North 10<sup>th</sup> Street  
Milwaukee, Wisconsin



Dean Jacobsen  
Asbestos Inspector No. AII – 14370  
Expiration Date: 12/2/19  
Harenda Management Group



Cecil Trawick  
Asbestos Inspector No. AII – 104769  
Expiration Date: 10/2/19  
Harenda Management Group

July 29, 2019

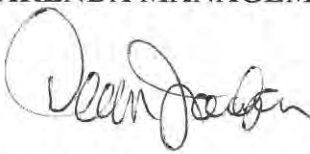
City of Milwaukee  
Department of Neighborhood Services  
Attn: Marge Piwaron  
841 North Broadway 1<sup>st</sup> Floor  
Milwaukee, Wisconsin 53202-3613

RE: Deconstruction Inspection Report  
2741-43 North 10<sup>th</sup> Street  
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2741-43 North 10<sup>th</sup> Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

**HARENDA MANAGEMENT GROUP**

A handwritten signature in black ink, appearing to read "Dean Jacobsen", written over a light blue horizontal line.

Dean Jacobsen  
Asbestos Inspector No. AII – 14370

## **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 2741-43 North 10<sup>th</sup> Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in 1<sup>st</sup> floor kitchen floor tile, basement stair linoleum, and basement aircell pipe insulation sampled during the inspection. Asbestos was assumed to be in the roof flashing at the chimney. Results are in Section IV of this report.

Lead was detected in paint on the interior basement walls and exterior porch columns and basement walls. Results are in Section V of this report.

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## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling at 2741-43 North 10<sup>th</sup> Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has vinyl and wood walls with asphalt roofing.

## II. ASBESTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

**On July 18, 2019, HMG conducted an asbestos inspection and lead inspection of a two family dwelling, scheduled for deconstruction, located at 2741-43 North 10<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Cecil Trawick, Wisconsin License No. AII – 104769, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.
4. Sampling of suspect lead painted masonry surfaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Paper insulation
- Blown in insulation
- Caulk
- Ceramic tile
- Floor tile
- Linoleum
- Asphalt roofing
- Tar paper
- Flue packing
- Window glazing compound
- Aircell pipe insulation
- Ceiling tile

- Drywall
- Plaster
- Roof flashing
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

### III. ASBESTOS LABORATORY

#### A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

### IV. ASBESTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – east wall under wood siding – black paper insulation	Negative	MPIk
2	Exterior – north wall under wood siding – black paper insulation	Negative	MPIk
3	Exterior – south wall under wood siding – black paper insulation	Negative	MPIk
4	Exterior – in east wall – blown in insulation	Negative	MBI
5	Exterior – in north wall – blown in insulation	Negative	MBI
6	Exterior – in south wall – blown in insulation	Negative	MBI
7	1 <sup>st</sup> floor – front porch – on east window – white caulk	Negative	MCLKw
8a	1 <sup>st</sup> floor – bathroom floor – white ceramic tile	Negative	MCTMw

Sample #	Location and Description	Results	Homogeneous Code
8b	1 <sup>st</sup> floor – bathroom floor – under white ceramic tile – mortar	Negative	MCTMw
9a	1 <sup>st</sup> floor – bathroom – on east wall – blue ceramic tile	Negative	MCTMb
9b	1 <sup>st</sup> floor – bathroom – on east wall – grout	Negative	MCTMb
10	1 <sup>st</sup> floor – kitchen – southeast top layer – 12” brown and beige floor tile	Positive 5% Chrysotile	MF12ne
11	1 <sup>st</sup> floor – kitchen – northwest top layer – 12” brown and beige floor tile	Positive 5% Chrysotile	MF12ne
12	1 <sup>st</sup> floor – kitchen – northeast top layer – 12” brown and beige floor tile	Positive 5% Chrysotile	MF12ne
13	1 <sup>st</sup> floor – kitchen – southeast 2 <sup>nd</sup> layer – yellow linoleum	Negative	MFLl
14	1 <sup>st</sup> floor – kitchen – northwest 2 <sup>nd</sup> layer – yellow linoleum	Negative	MFLl
15	1 <sup>st</sup> floor – kitchen – northeast 2 <sup>nd</sup> layer – yellow linoleum	Negative	MFLl
16a	1 <sup>st</sup> floor – kitchen – southeast 3 <sup>rd</sup> layer – on brown and tan linoleum – brown mastic	Negative	MFLnt
16b	1 <sup>st</sup> floor – kitchen – southeast 3 <sup>rd</sup> layer – brown and tan linoleum	Negative	MFLnt
17a	1 <sup>st</sup> floor – kitchen – northwest 3 <sup>rd</sup> layer – on brown and tan linoleum – brown mastic	Negative	MFLnt
17b	1 <sup>st</sup> floor – kitchen – northwest 3 <sup>rd</sup> layer – brown and tan linoleum	Negative	MFLnt
18a	1 <sup>st</sup> floor – kitchen – northeast 3 <sup>rd</sup> layer – on brown and tan linoleum – brown mastic	Negative	MFLnt
18b	1 <sup>st</sup> floor – kitchen – northeast 3 <sup>rd</sup> layer – brown and tan linoleum	Negative	MFLnt
19	1 <sup>st</sup> floor – rear stair landing – 12” red floor tile	Positive 2% Chrysotile	MF12r
19	POINT COUNT RESULT	Trace 0.75% Chrysotile	MF12r
20	2 <sup>nd</sup> floor – kitchen – west side top layer – 12” white and blue floor tile	Negative	MF12wb
21	2 <sup>nd</sup> floor – kitchen – north side top layer – 12” white and blue floor tile	Negative	MF12wb
22	2 <sup>nd</sup> floor – kitchen – east side top layer – 12” white and blue floor tile	Negative	MF12wb
23	2 <sup>nd</sup> floor – kitchen – west side 4 <sup>th</sup> layer – white and gray linoleum	Negative	MFLwy
24	2 <sup>nd</sup> floor – kitchen – north side 4 <sup>th</sup> layer – white and gray linoleum	Negative	MFLwy
25	2 <sup>nd</sup> floor – kitchen – east side 4 <sup>th</sup> layer – white and gray linoleum	Negative	MFLwy
26	2 <sup>nd</sup> floor – kitchen – west side 2 <sup>nd</sup> layer – 12” white floor tile	Negative	MF12w
27	2 <sup>nd</sup> floor – kitchen – north side top layer – 12” white floor tile	Negative	MF12w
28	2 <sup>nd</sup> floor – kitchen – east side top layer – 12” white floor tile	Negative	MF12w
29	2 <sup>nd</sup> floor – kitchen – at north doorway – yellow and tan linoleum	Negative	MFLlt
30	2 <sup>nd</sup> floor – kitchen – at east doorway – tan linoleum	Negative	MFLt
31	2 <sup>nd</sup> floor – northeast bedroom – southwest – 12” tan and brown floor tile	Negative	MF12tn
32	2 <sup>nd</sup> floor – northeast bedroom – northwest – 12” tan and brown floor tile	Negative	MF12tn
33	2 <sup>nd</sup> floor – northeast bedroom – southeast – 12” tan and brown floor tile	Negative	MF12tn
34	Roof – northwest top layer – red and white asphalt shingle	Negative	MRSrw

Sample #	Location and Description	Results	Homogeneous Code
35	Roof – southwest top layer – red and white asphalt shingle	Negative	MRSrw
36	Roof – northeast top layer – red and white asphalt shingle	Negative	MRSrw
37	Roof – northwest 2 <sup>nd</sup> layer – tar paper	Negative	MPT
38	Roof – southwest 2 <sup>nd</sup> layer – tar paper	Negative	MPT
39	Roof – northeast 2 <sup>nd</sup> layer – tar paper	Negative	MPT
40	Basement – on chimney – flue packing	Negative	TFP
41	1 <sup>st</sup> floor – living room – on south window – glazing compound	Positive 2% Chrysotile	MPG
41	POINT COUNT RESULT	Trace 0.5% Chrysotile	MPG
42	2 <sup>nd</sup> floor – kitchen – on west window – glazing compound	Negative	MPG
43	Basement – on south window – glazing compound	Negative	MPG
44	Basement – south center - <5” diameter aircell pipe insulation	Positive 55% Chrysotile	TA5
45	Basement – north center - <5” diameter aircell pipe insulation	Positive 55% Chrysotile	TA5
46	Basement – northwest - <5” diameter aircell pipe insulation	Positive 55% Chrysotile	TA5
47	Basement – 12” red and tan floor tile	Trace <1% Chrysotile	MF12rt
47	POINT COUNT RESULT	Trace 0.25% Chrysotile	MF12rt
49	Basement – stair – on landing 2 <sup>nd</sup> layer – red and white linoleum	Positive 20% Chrysotile	MFLrw
50	1 <sup>st</sup> floor – hall – white ceiling tile	Negative	MSCTw
51	Basement – hall west side – white ceiling tile	Negative	MSCTw
52	Basement – hall east side – white ceiling tile	Negative	MSCTw
53	1 <sup>st</sup> floor – living room – south wall – drywall	Negative	MDW
54	1 <sup>st</sup> floor – kitchen – south wall – drywall	Negative	MDW
55	2 <sup>nd</sup> floor – hall – north wall – drywall	Negative	MDW
56	1 <sup>st</sup> floor – living room – west wall – plaster	Negative	SP1
57	1 <sup>st</sup> floor – hall – north wall – plaster	Negative	SP1
58	1 <sup>st</sup> floor – northeast bedroom – south wall – plaster	Negative	SP1
59	1 <sup>st</sup> floor – northwest bedroom – west wall – plaster	Negative	SP1
60	2 <sup>nd</sup> floor – kitchen – south wall – plaster	Negative	SP1
61	2 <sup>nd</sup> floor – hall – ceiling – plaster	Negative	SP1
62	2 <sup>nd</sup> floor – northeast bedroom – south – plaster	Negative	SP1

Three (3) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACMs):

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
12” Brown & Beige Floor Tile	MF12ne	1 <sup>st</sup> Floor Kitchen Top Layer	160 SF	Category I Non-Friable
<5” Diameter Aircell Pipe Insulation	TA5	Basement	15 LF	Friable
Red & White Linoleum	MFLrw	Basement Stair Landing 2 <sup>nd</sup> Layer	10 SF	Friable

Three (3) of the materials sampled contain less than 1% asbestos and are not ACMs:

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
12" Red Floor Tile	MF12r	Basement Stair Landing	40 SF	Category I Non-Friable
Window Glazing Compound	MPG	Windows on All Floors	34 Windows	Category II Non-Friable
12" Red & Tan Floor Tile	MF12rt	Basement	200 SF	Category I Non-Friable

### Assumed Asbestos Containing Materials

Material	Location	Approximate Quantity	Material Type
Roof Flashing	Roof at Chimney	5 SF	Category I Non-Friable

The flashing was not accessible at the time of the inspection.

**Note #1:** The ACMs listed above are friable and category I non-friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that these materials be abated prior to deconstruction.

**Note#2:** The 12" red floor tile, window glazing compound, and 12" red and tan floor tile contain less than 1% asbestos as verified by the point count method, and by definition in NR 447 are not ACMs. The contractor must follow U.S. Occupational Safety and Health Administration requirements in 29 CFR 1926.1101 (Asbestos in Construction) during removal. This regulation requires the employer to protect employees from asbestos exposure if any amount of asbestos is present. These requirements include:

- Exposure assessments
- Use of respirators and protective clothing until exposure assessments results are known,
- Using wet methods and HEPA vacuums for cleanup of the joint compound,
- Putting waste in leak tight asbestos labeled containers

HMG recommends that the 12" red floor tile, window glazing compound, and 12" red and tan floor tile be removed by a Wisconsin certified asbestos company, as necessary, as part of the deconstruction project.

**Note#3:** If additional materials are discovered during deconstruction that are not listed above they are to be assumed to be asbestos containing.

**Note#4:** A copy of this report should be transmitted to the deconstruction contractor.

**Note#5:** Additional aircell may be within walls and ceilings.

### Homogeneous Material Codes

SPI	Plaster
MPIk	Black Paper Insulation
MBI	Blown in Insulation
MCLKw	White Caulk
MCTMw	White Ceramic Tile
MCTMb	Blue Ceramic Tile
MF12ne	12" Brown & Beige Floor Tile
MF12wb	12" White & Blue Floor Tile
MF12w	12" White Floor Tile
MF12tn	12" Tan & Brown Floor Tile

#### **Homogeneous Material Codes**

MF12rt	12" Red & Tan Floor Tile
MFLl	Yellow Linoleum
MFLnt	Brown & Tan Linoleum
MFLwy	White & Gray Linoleum
MFLlt	Yellow & Tan Linoleum
MFLt	Tan Linoleum
MFLrw	Red & White Linoleum
MRSrw	Red & White Asphalt Shingle
MPT	Tar Paper Walls
MPG	Window Glazing Compound
MSCTw	White Ceiling Tile
MDW	Drywall
TFP	Flue Packing
TA5	<5" Diameter Aircell Pipe Insulation

### **V. LEAD PAINT INSPECTION**

#### **A. Methods**

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling at 2741-43 North 10<sup>th</sup> Street, Milwaukee, Wisconsin, took place on July 18, 2019. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

#### **B. Component Testing Results**

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section X.

#### **Interior: 2741-43 North 10<sup>th</sup> Street, Milwaukee, Wisconsin**

- **Painted block was observed on the interior basement walls. Lead based paint was not detected.**

**Exterior: 2741-43 North 10<sup>th</sup> Street, Milwaukee, Wisconsin**

- **Painted block and brick were observed on the exterior porch columns and basement walls. Lead based paint was not detected.**

The following are the laboratory results.

**Site: 2741-43 North 10<sup>th</sup> Street, Milwaukee, Wisconsin**

**Date: 7/18/19**

Paint Testing Results					
Sample	Room	Component	Substrate	Color	Result (% Lead)
P1	Exterior	Front Porch Column	Block	Red	0.0183
P2	Exterior	Front Porch Column	Block	White	0.0112
P3	Basement	South Wall	Brick	Green	0.0123

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <https://www.osha.gov/SLTC/lead/index.html> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

## **VI. EXCLUSIONS**

**Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.**

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

## **VII. LIMITATIONS**

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos and paint testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

*This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.*



## **VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST**

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

## **ASBESTOS**

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. **Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.**

## **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central)
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>N/A</u>	Refrigerators, Freezers, Chillers
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

## **LEAD**

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

## **MERCURY**

Products that may contain mercury:

### **LIGHTING**

<u>N/A</u>	Fluorescent Lights
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

### **HVAC**

Check thermostats and any control associated with air handling units for switches containing mercury.

### **HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS**

<u>N/A</u>	Old Thermostats
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

### **BOILERS, FURNACES, HEATERS AND TANKS**

<u>N/A</u>	Mercury Flame Sensors by pilot lights
<u>N/A</u>	Manometers, Thermometers, Gauges
<u>N/A</u>	Pressure-trol
<u>N/A</u>	Float or Level Controls
<u>N/A</u>	Space Heaters

## ELECTRICAL SYSTEMS

<u>N/A</u>	Load Meters and Supply Relays
<u>N/A</u>	Phase Splitters
<u>N/A</u>	Microwave Relays
<u>N/A</u>	Mercury Displacement Relays

### PCBs

For electrical devices manufactured prior to 1987, it is safe to assume that they contain PCBs and should be managed accordingly. Most equipment manufactured after this time will say "PCB Free". The following is a list of areas in a building where PCBs may be found:

<u>N/A</u>	Transformers
<u>N/A</u>	Capacitors (appliances, electronic equipment)
<u>N/A</u>	Heat Transfer Equipment
<u>N/A</u>	Ballasts
<u>N/A</u>	Specialty Paints (such as for swimming pools or other industrial applications)
<u>N/A</u>	Sumps or Oil Traps (in maintenance and industrial facilities)

## OTHER ENVIRONMENTAL ISSUES

<u>N/A</u>	Hazardous Waste
<u>N/A</u>	Oil Tanks
<u>N/A</u>	Well Abandonment
<u>N/A</u>	Junk Auto Tires
<u>N/A</u>	Junk Vehicles

## **IX. ASBESTOS LABORATORY RESULTS**



## Analysis Report

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

**Order #:** 327171

**Received** 07/22/19  
**Analyzed** 07/24/19  
**Reported** 07/25/19

**Attn:**

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2741-43

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

### PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>327171-001</b>	07/18/19	1	Wisconsin		
Layer 1:	Fibrous Material			None Detected	45% CELLULOSE FIBER
	Black, Bituminous/Fibrous				10% NON FIBROUS MATERIAL
					45% SYNTHETIC FIBER
<b>327171-002</b>	07/18/19	2	Wisconsin		
Layer 1:	Fibrous Material			None Detected	45% CELLULOSE FIBER
	Black, Bituminous/Fibrous				10% NON FIBROUS MATERIAL
					45% SYNTHETIC FIBER
<b>327171-003</b>	07/18/19	3	Wisconsin		
Layer 1:	Fibrous Material			None Detected	45% CELLULOSE FIBER
	Black, Bituminous/Fibrous				10% NON FIBROUS MATERIAL
					45% SYNTHETIC FIBER
<b>327171-004</b>	07/18/19	4	Wisconsin		
Layer 1:	Fibrous Material			None Detected	90% MINERAL/GLASS WOOL
	White, Fibrous				10% NON FIBROUS MATERIAL
<b>327171-005</b>	07/18/19	5	Wisconsin		
Layer 1:	Fibrous Material			None Detected	90% MINERAL/GLASS WOOL
	White, Fibrous				10% NON FIBROUS MATERIAL
<b>327171-006</b>	07/18/19	6	Wisconsin		
Layer 1:	Fibrous Material			None Detected	90% MINERAL/GLASS WOOL
	White, Fibrous				10% NON FIBROUS MATERIAL
<b>327171-007</b>	07/18/19	7	Wisconsin		
Layer 1:	Powdery Material			None Detected	3% CELLULOSE FIBER
	White, Powdery				97% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2741-43

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>327171-008</b>	07/18/19	8	Wisconsin		
Layer 1:	Hard Material			None Detected	100% NON FIBROUS MATERIAL
	White, Hard				
Layer 2:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Gray, Granular				
<b>327171-009</b>	07/18/19	9	Wisconsin		
Layer 1:	Hard Material			None Detected	100% NON FIBROUS MATERIAL
	Purple, Hard				
Layer 2:	Grout			None Detected	100% NON FIBROUS MATERIAL
	Gray, Granular				
<b>327171-010</b>	07/18/19	10	Wisconsin		
Layer 1:	Floor Tile			5% CHRYSOTILE	95% NON FIBROUS MATERIAL
	Gray, Organically Bound				
<b>327171-011</b>	07/18/19	11	Wisconsin		
Layer 1:	Floor Tile			5% CHRYSOTILE	95% NON FIBROUS MATERIAL
	Gray, Organically Bound				
<b>327171-012</b>	07/18/19	12	Wisconsin		
Layer 1:	Floor Tile			5% CHRYSOTILE	95% NON FIBROUS MATERIAL
	Gray, Organically Bound				
<b>327171-013</b>	07/18/19	13	Wisconsin		
Layer 1:	Flooring			None Detected	25% CELLULOSE FIBER
	Beige, Fibrous				45% NON FIBROUS MATERIAL
					30% SYNTHETIC FIBER
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>327171-014</b>	07/18/19	14	Wisconsin		
Layer 1:	Flooring			None Detected	25% CELLULOSE FIBER
	Beige, Fibrous				45% NON FIBROUS MATERIAL
					30% SYNTHETIC FIBER
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>327171-015</b>	07/18/19	15	Wisconsin		
Layer 1:	Flooring			None Detected	25% CELLULOSE FIBER
	Beige, Fibrous				45% NON FIBROUS MATERIAL
					30% SYNTHETIC FIBER

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2741-43

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>327171-016</b>	07/18/19	16	Wisconsin		
Layer 1: Glue Brown, Soft				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Flooring Tan, Fibrous				None Detected	25% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 30% SYNTHETIC FIBER
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>327171-017</b>	07/18/19	17	Wisconsin		
Layer 1: Glue Brown, Soft				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Flooring Tan, Fibrous				None Detected	25% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 30% SYNTHETIC FIBER
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>327171-018</b>	07/18/19	18	Wisconsin		
Layer 1: Glue Brown, Soft				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Flooring Tan, Fibrous				None Detected	25% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 30% SYNTHETIC FIBER
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>327171-019</b>	07/18/19	19	Wisconsin		
Layer 1: Floor Tile Brown, Organically Bound				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
<b>327171-020</b>	07/18/19	20	Wisconsin		
Layer 1: Flooring White/Green, Rubbery				None Detected	100% NON FIBROUS MATERIAL
<b>327171-021</b>	07/18/19	21	Wisconsin		
Layer 1: Flooring White/Green, Rubbery				None Detected	100% NON FIBROUS MATERIAL
<b>327171-022</b>	07/18/19	22	Wisconsin		
Layer 1: Flooring White/Green, Rubbery				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.



**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2741-43

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>327171-023</b>	07/18/19	23	Wisconsin		
Layer 1: Flooring Gray/Green, Fibrous				None Detected	25% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 30% SYNTHETIC FIBER
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>327171-024</b>	07/18/19	24	Wisconsin		
Layer 1: Flooring Gray/Green, Fibrous				None Detected	25% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 30% SYNTHETIC FIBER
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>327171-025</b>	07/18/19	25	Wisconsin		
Layer 1: Flooring Gray/Green, Fibrous				None Detected	25% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 30% SYNTHETIC FIBER
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>327171-026</b>	07/18/19	26	Wisconsin		
Layer 1: Flooring White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
<b>327171-027</b>	07/18/19	27	Wisconsin		
Layer 1: Flooring White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
<b>327171-028</b>	07/18/19	28	Wisconsin		
Layer 1: Flooring White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
<b>327171-029</b>	07/18/19	29	Wisconsin		
Layer 1: Flooring Tan, Fibrous				None Detected	25% CELLULOSE FIBER 55% NON FIBROUS MATERIAL 20% SYNTHETIC FIBER
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>327171-030</b>	07/18/19	30	Wisconsin		
Layer 1: Flooring Green, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
<b>327171-031</b>	07/18/19	31	Wisconsin		
Layer 1: Flooring Tan, Rubbery				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2741-43

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>327171-032</b>	07/18/19	32	Wisconsin		
Layer 1: Flooring Tan, Rubbery				None Detected	100% NON FIBROUS MATERIAL
<b>327171-033</b>	07/18/19	33	Wisconsin		
Layer 1: Flooring Tan, Rubbery				None Detected	100% NON FIBROUS MATERIAL
<b>327171-034</b>	07/18/19	34	Wisconsin		
Layer 1: Roofing Material Red/Black, Bituminous				None Detected	15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>327171-035</b>	07/18/19	35	Wisconsin		
Layer 1: Roofing Material Red/Black, Bituminous				None Detected	15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>327171-036</b>	07/18/19	36	Wisconsin		
Layer 1: Roofing Material Red/Black, Bituminous				None Detected	15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>327171-037</b>	07/18/19	37	Wisconsin		
Layer 1: Fibrous Material Black, Bituminous/Fibrous				None Detected	45% CELLULOSE FIBER 10% NON FIBROUS MATERIAL 45% SYNTHETIC FIBER
<b>327171-038</b>	07/18/19	38	Wisconsin		
Layer 1: Fibrous Material Black, Bituminous/Fibrous				None Detected	45% CELLULOSE FIBER 10% NON FIBROUS MATERIAL 45% SYNTHETIC FIBER
<b>327171-039</b>	07/18/19	39	Wisconsin		
Layer 1: Fibrous Material Black, Bituminous/Fibrous				None Detected	45% CELLULOSE FIBER 10% NON FIBROUS MATERIAL 45% SYNTHETIC FIBER
<b>327171-040</b>	07/18/19	40	Wisconsin		
Layer 1: Granular Material Yellow, Granular				None Detected	100% NON FIBROUS MATERIAL
<b>327171-041</b>	07/18/19	41	Wisconsin		
Layer 1: Granular Material White/Tan, Granular				2% CHRYSOTILE	98% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2741-43

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>327171-042</b>	07/18/19	42	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	White/Beige, Granular				
<b>327171-043</b>	07/18/19	43	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	White/Beige, Granular				
<b>327171-044</b>	07/18/19	44	Wisconsin		
Layer 1:	Fibrous Material			55% CHRYSOTILE	35% CELLULOSE FIBER
	Gray, Fibrous				10% NON FIBROUS MATERIAL
<b>327171-045</b>	07/18/19	45	Wisconsin		
Layer 1:	Fibrous Material			55% CHRYSOTILE	35% CELLULOSE FIBER
	Gray, Fibrous				10% NON FIBROUS MATERIAL
<b>327171-046</b>	07/18/19	46	Wisconsin		
Layer 1:	Fibrous Material			55% CHRYSOTILE	35% CELLULOSE FIBER
	Gray, Fibrous				10% NON FIBROUS MATERIAL
<b>327171-047</b>	07/18/19	47	Wisconsin		
Layer 1:	Floor Tile			<1% CHRYSOTILE	100% NON FIBROUS MATERIAL
	Red, Organically Bound				
<b>327171-048</b>	07/18/19	49	Wisconsin		
Layer 1:	Flooring			20% CHRYSOTILE	25% CELLULOSE FIBER
	Multi-Colored, Fibrous				55% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>327171-049</b>	07/18/19	50	Wisconsin		
Layer 1:	Fibrous Material			None Detected	90% CELLULOSE FIBER
	White, Fibrous				10% NON FIBROUS MATERIAL
<b>327171-050</b>	07/18/19	51	Wisconsin		
Layer 1:	Fibrous Material			None Detected	90% CELLULOSE FIBER
	White, Fibrous				10% NON FIBROUS MATERIAL
<b>327171-051</b>	07/18/19	52	Wisconsin		
Layer 1:	Fibrous Material			None Detected	90% CELLULOSE FIBER
	White, Fibrous				10% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2741-43

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>327171-052</b>	07/18/19	53	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	6% CELLULOSE FIBER 94% NON FIBROUS MATERIAL
<b>327171-053</b>	07/18/19	54	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	6% CELLULOSE FIBER 94% NON FIBROUS MATERIAL
<b>327171-054</b>	07/18/19	55	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	6% CELLULOSE FIBER 94% NON FIBROUS MATERIAL
<b>327171-055</b>	07/18/19	56	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	98% NON FIBROUS MATERIAL 2% SYNTHETIC FIBER
<b>327171-056</b>	07/18/19	57	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	100% NON FIBROUS MATERIAL <1% SYNTHETIC FIBER
<b>327171-057</b>	07/18/19	58	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	99% NON FIBROUS MATERIAL 1% SYNTHETIC FIBER
<b>327171-058</b>	07/18/19	59	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	100% NON FIBROUS MATERIAL <1% SYNTHETIC FIBER
<b>327171-059</b>	07/18/19	60	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
<b>327171-060</b>	07/18/19	61	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	100% NON FIBROUS MATERIAL <1% SYNTHETIC FIBER
<b>327171-061</b>	07/18/19	62	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2741-43

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
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EPA Regulatory Limit: 1%

Total layers analyzed on order: 66

327171-07/25/19 01:37 PM



Analyst Elsamani Abdelfadiel

Reviewed By: Irma Faszewski  
QAQC Director

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

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327171

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7/22/2019 8:51 AM

Federal Express

48911 1342276

<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert. Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenvironmenmtal.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.2741-43				
<b>Collected By</b>					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply). Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days  * not available for all tests ** past 3 PM the TAT will begin next business day  Please schedule rush tests in advance	<input type="checkbox"/> Air	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
	<input type="checkbox"/> Paint	<input checked="" type="checkbox"/> PLM	<input type="checkbox"/> Lead	<input type="checkbox"/> Lead	<input type="checkbox"/> BACT (MPN/PA)
	<input type="checkbox"/> Soil	<input type="checkbox"/> PLM Qualitative	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> Mold Direct Exam
	<input type="checkbox"/> Wipe	<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Chromium VI	<input type="checkbox"/> Full TCLP (w/ organics 10 Day)	<input type="checkbox"/> Allergens
	<input checked="" type="checkbox"/> Bulk	<input type="checkbox"/> 1000 Point Count	<input type="checkbox"/> Mercury		
<input type="checkbox"/> 5 business days	<input checked="" type="checkbox"/> Waste Water	<input type="checkbox"/> Gravimetric Prep			
	<input type="checkbox"/> Ground Water	<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<b>Sub-Contract</b>
	<input type="checkbox"/> Drinking Water	<input type="checkbox"/> PCM	<input type="checkbox"/> Total Dust NIOSH 0500	<input type="checkbox"/> Silica FTIR (7602)	<input type="checkbox"/> TEM Chatfield
	<input type="checkbox"/> TSP / PM10	<input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/>	<input type="checkbox"/> TEM AHERA
	<input type="checkbox"/>				<input type="checkbox"/> TEM 7402
					<input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start Stop	Flow Rate <sup>3</sup> Start Stop	Total Air <sup>4</sup>
1	7/18/19						
2							
3							
4							
5							
6							
7							
8							
9							
10							

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By:

Dean Jacobsen

Signature:

Date/Time 7/12/19 1700

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www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.2741-43				
Collected By					

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
		<input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<b>Sub-Contract</b>
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start Stop	Flow Rate <sup>3</sup> Start Stop	Total Air <sup>4</sup>
11	7/18/19						
12							
13							
14							
15							
16							
17							
18							
19							
20							

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min × flow in L/min]

Relinquished By:

Signature:

Date/Time:

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www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.2741-43				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days  * not available for all tests ** past 3 PM the TAT will begin next business day  Please schedule rush tests in advance	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
21	7/18/19								
22									
23									
24									
25									
26									
27									
28									
29									
30									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 7/19/19 1700

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Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.2741-43				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days  * not available for all tests ** past 3 PM the TAT will begin next business day  Please schedule rush tests in advance	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
	<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules		<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
31	7/8/19								
32									
33									
34									
35									
36									
37									
38									
39									
40									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By:

Dean Jacobsen

Signature:

Date/Time

7/19/19 1700

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Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.2741-43				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start Stop	Flow Rate <sup>3</sup> Start Stop	Total Air <sup>4</sup>
52	7/18/19						
53							
54							
55							
56							
57							
58							
59							
60							
61							

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis			
<sup>1</sup> Type: A=Area, B=Blank, P=Personal, E=Excursion	<sup>2</sup> Beginning/End of Sample Period	<sup>3</sup> Liters/Minute	<sup>4</sup> Volume in Liters [time in min × flow in L/min]
Relinquished By: <u>Dean Jacobsen</u>	Signature: <u>[Signature]</u>	Date/Time	7/19/19 1700
<b>! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !</b>			

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Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.2741-43				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start	Time <sup>2</sup> Stop	Flow Rate <sup>3</sup> Start	Flow Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
41	7/18/19								
42									
43									
44									
45									
46									
47									
49									
50									
51									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By:

Dean Jacobsen

Signature:

*[Signature]*

Date/Time 7/19/19 1700

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**





## Analysis Report

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

**Order #:** 328141

**Attn:**

**Received** 07/25/19  
**Analyzed** 07/25/19  
**Reported** 07/26/19

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2741-43

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 with Point Count **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
328141-001	07/18/19	19	Wisconsin		
Layer 1: Floor Tile Brown, Organically Bound, Homogenous				0.75% CHRYSOTILE	99.25% NON FIBROUS MATERIAL
328141-002	07/18/19	41	Wisconsin		
Layer 1: Granular Material White/Tan, Granular, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
328141-003	07/18/19	47	Wisconsin		
Layer 1: Floor Tile Red, Organically Bound, Homogenous				0.25% CHRYSOTILE	99.75% NON FIBROUS MATERIAL

**EPA Regulatory Limit: 1%**

**Total layers analyzed on order: 3**

Analyst **Elsamani Abdelfadiel**

328141-07/26/19 02:35 PM

Reviewed By: **Hind Eldanaf**  
Microscopy Supervisor

Reporting limit: 0.25% Samples analyzed by the EPA Point Count test method. The EPA recommends that any vermiculite sample with a trace (<1) or greater amount of asbestos is a concern and should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the lab, and must not be used to claim NVLAP or other government agency endorsement. The test results reported relate only to the samples submitted.

**SCHNEIDER LABORATORIES GLOBAL, INC.**

2512 West Cary Street, Richmond, Virginia 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475  
www.slabinc.com • info@slabinc.com

328141

**S 3**



V:\328\328141

vthrasher 7/25/2019 2:31:00 PM

Hand Delivered

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions: Order #: 327171			
Project Number	19-400-037.2741-43				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input checked="" type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days  *not available for all tests ** past 3 PM the TAT will begin next business day  <i>Please schedule rush tests in advance</i>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b> <input type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input checked="" type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input checked="" type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <i>(w/ organics 10 Day)</i>	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens  <b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH-0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	

[illegible]

**For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis**

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters (time in min × flow in L/min)

Relinquished By:

**Signature:**

Date/Time 7/25/91 1325

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**

## **X. LEAD LABORATORY RESULTS**



## Analysis Report

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

**Order #:** 327168

**Matrix** Paint  
**Received** 07/22/19  
**Analyzed** 07/23/19  
**Reported** 07/23/19

**Attn:**

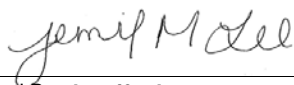
**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2741-43

**PO Number:**

Sample ID	Cust. Sample ID	Location	Sample Date	Weight			
Parameter		Method		Total µg	% / Wt.	Conc.	RL*
327168-001	P1		07/18/19	298 mg			
Lead		EPA 7000B		54.5 µg	0.0183 %	183 mg/kg	33.6 mg/kg
<i>Sample contains substrate which may affect the calculation of weight percent and mg/kg.</i>							
327168-002	P2		07/18/19	320 mg			
Lead		EPA 7000B		36.0 µg	0.0112 %	112 mg/kg	31.3 mg/kg
327168-003	P3		07/18/19	307 mg			
Lead		EPA 7000B		37.8 µg	0.0123 %	123 mg/kg	32.6 mg/kg

**Analyst: SA**  
**327168-07/23/19 05:30 PM**

  
Reviewed By: **Jennifer Lee**  
Manager

### Federal Lead Paint Statute

Location	Clearance	Unit
Lead in paint by weight	< 0.50	%
Lead in paint as PPM	< 5000	mg/kg

Minimum reporting limit: 10.0 µg. All internal QC parameters were met. Unusual sample conditions, if any, are described. Do not reproduce this report except in full. Values are reported to three significant figures. PPM = mg/kg | PPB = µg/kg. The test results reported relate only to the samples submitted. AIHA-LAP, LLC accredited for Lead (Lab ID 100527).

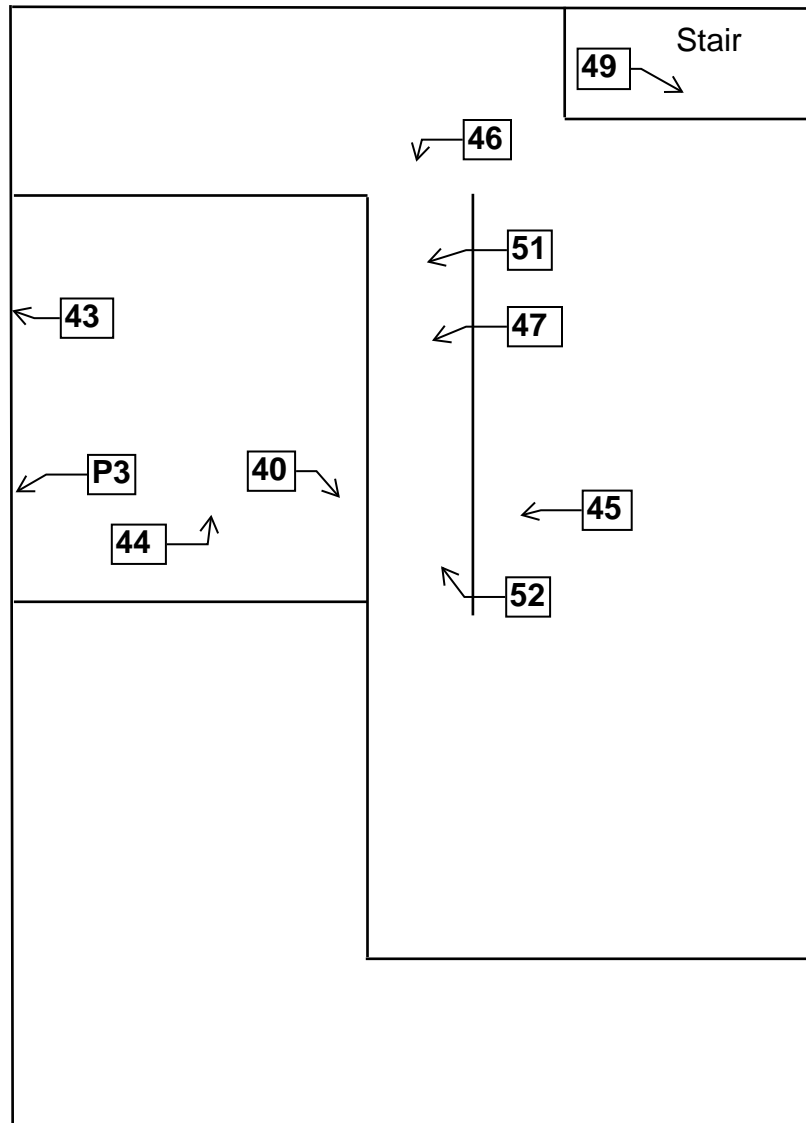
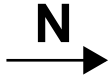




## **XI. FLOOR PLANS**

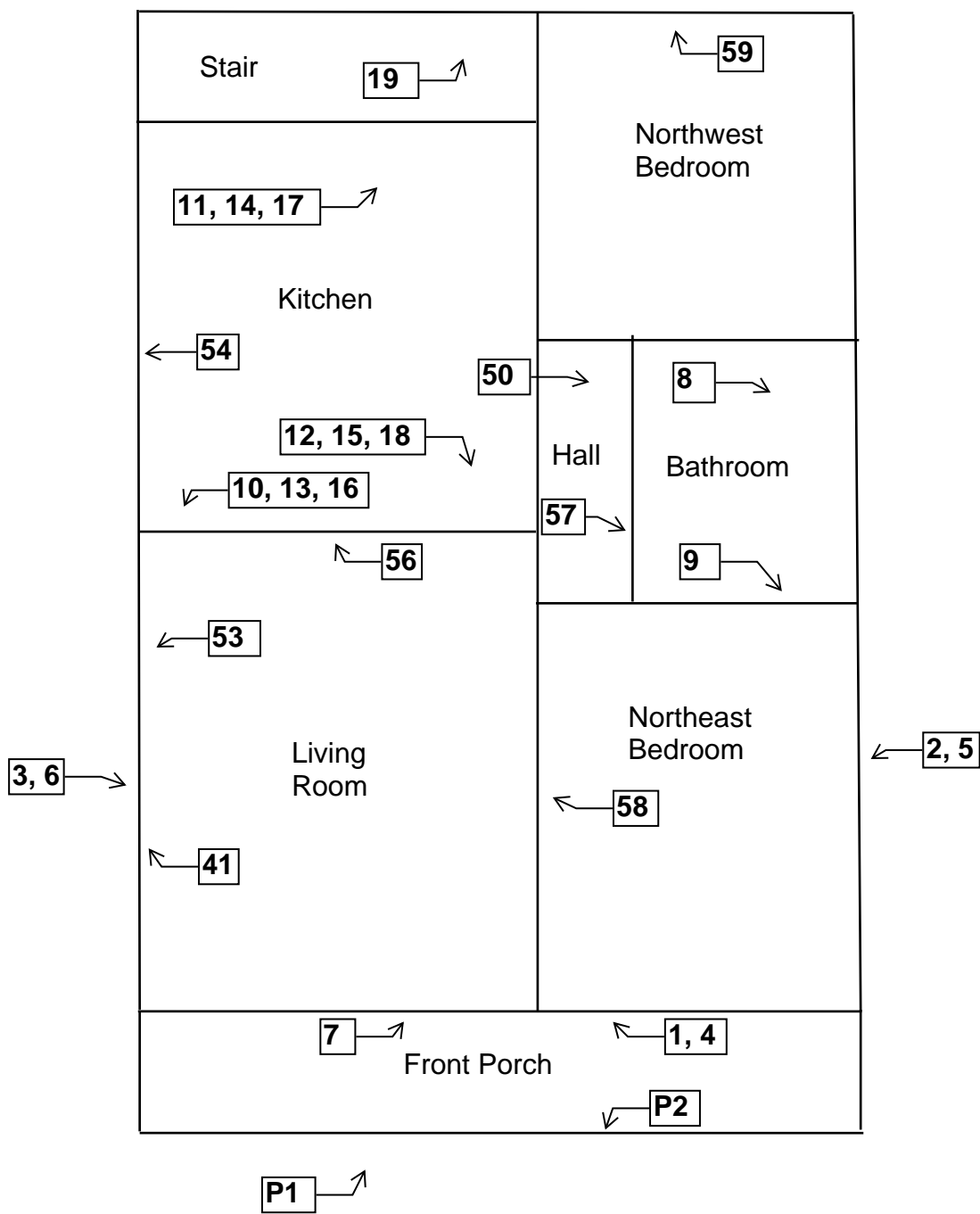
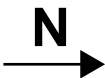
**Two Family Dwelling**  
**2741-43 North 10th Street**  
**Milwaukee, Wisconsin**

Basement Floor Plan



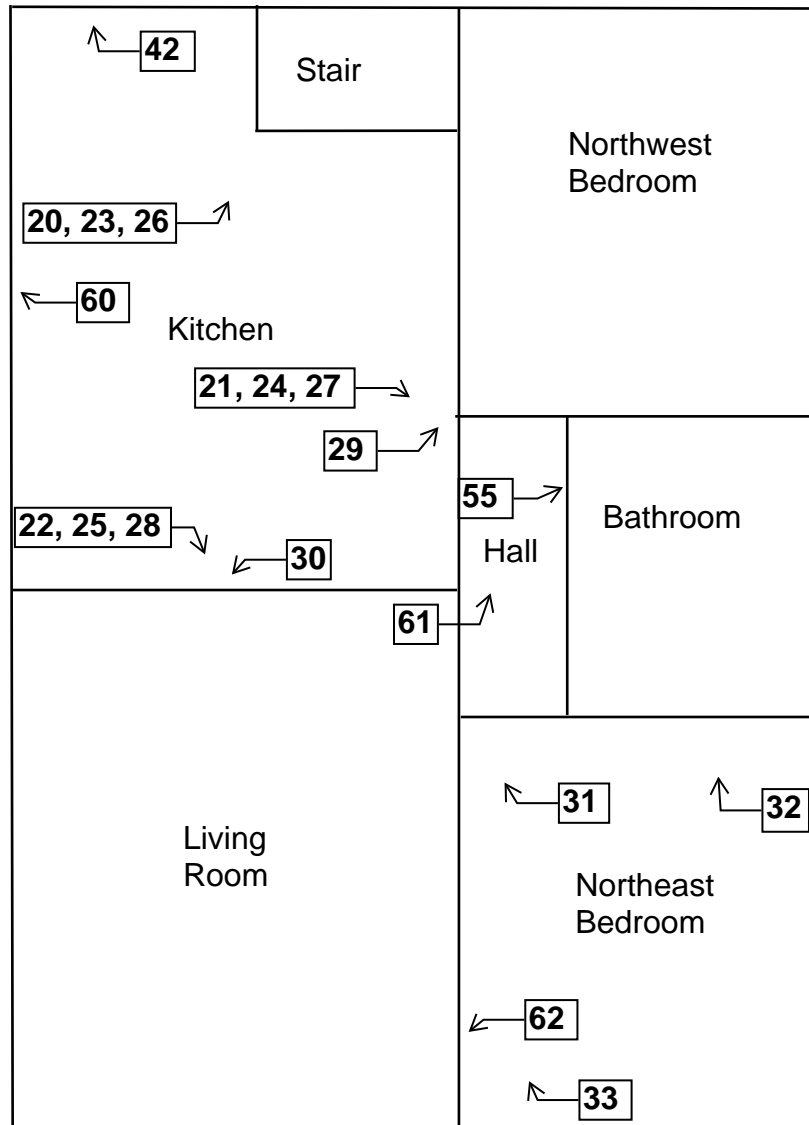
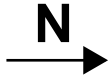
Two Family Dwelling  
2741-43 North 10th Street  
Milwaukee, Wisconsin

1st Floor Plan



**Two Family Dwelling**  
**2741-43 North 10th Street**  
**Milwaukee, Wisconsin**

2nd Floor Plan



**Two Family Dwelling**  
**2741-43 North 10th Street**  
**Milwaukee, Wisconsin**

Roof Floor Plan



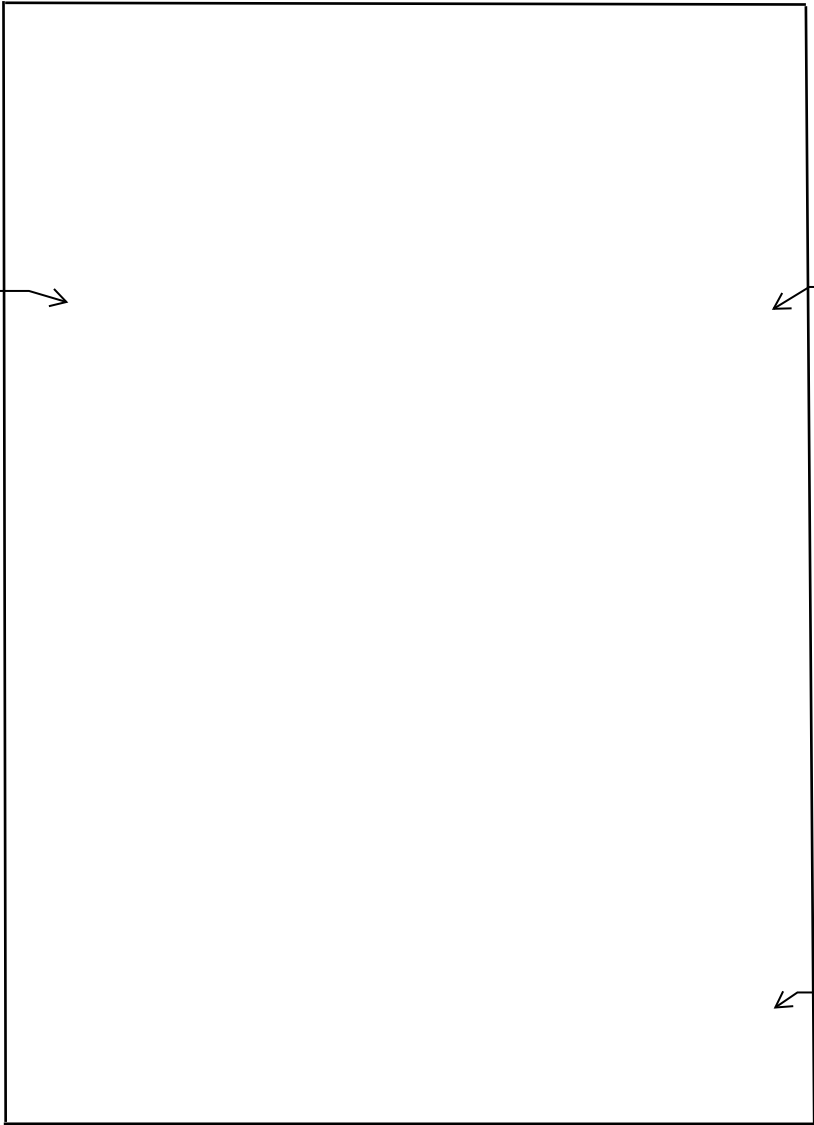
35, 38



34, 37



36, 39



## **XII. HMG CERTIFICATION**



# Company Certificate

This certifies that

**HARENDA MANAGEMENT GROUP**

1237 W BRUCE ST.  
MILWAUKEE WI 53204-1218


is certified under ch. DHS 159, Wis.Adm.Code as a

**Asbestos Company - Primary**

Certificate Issue Date: 06/23/2017  
Expiration Date: 08/31/2019, 12:01 a.m.  
Certification #: CAP-480540

Wisconsin Department of Health Services  
Division of Public Health  
Bureau of Environmental and Occupational Health  
Asbestos & Lead Section  
PO Box 2659  
Madison WI 53701-2659  
Phone: (608) 261-6876



  
*Shelley A Bruce*  
Shelley A Bruce,  
Unit Supervisor





State of Wisconsin  
Department of Health Services

Scott Walker  
Governor

Linda Seemeyer  
Secretary

August 27, 2018

CECIL JAMES TRAWICK JR  
1237 W BRUCE ST  
MILWAUKEE WI 53204-1218

ID# AII-104769

**Congratulations!** Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

**Follow Wisconsin law by making sure that you:**

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing [DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov), by using our Lead and Asbestos Online Certification website, [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo), or by mailing a note to:

Lead and Asbestos Section  
1 W. Wilson St., Room 137  
P.O. Box 2659  
Madison WI 53701-2659

4. Take refresher training well before the "Training due by" date printed on your blue card.
  - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.  
Find asbestos training providers at [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
  - o Lead-certified individuals can refresh up to **1 year** before the due date.  
Find lead training providers at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead).
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead) or [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you are taking professional responsibility. Contact us at the phone number below and on the back of your blue card.

The Lead and Asbestos Certification Program  
(608) 261-6876  
[DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov)  
[www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos)  
[www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead)

**COPY**





## **DECONSTRUCTION INSPECTION REPORT**

### **Job Site:**

**One Family Dwelling  
2430 North 11<sup>th</sup> Street  
Milwaukee, Wisconsin**

### **For:**

City of Milwaukee  
Department of Neighborhood Services  
Attn: Marge Piwaron  
841 North Broadway 1<sup>st</sup> Floor  
Milwaukee, Wisconsin 53202-3613

**HMG Report No.: 19-400-037.2430**

**Inspector: Jazmin Spears**

**Contract No.: 360-19-0975**


### **Prepared by:**

#### **HARENDA MANAGEMENT GROUP**

1237 West Bruce Street  
Milwaukee, Wisconsin 53204  
(414) 383-4800

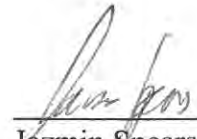
**July 2019**

**Signature Page**  
Deconstruction Inspection Report  
One Family Dwelling  
2430 North 11<sup>th</sup> Street  
Milwaukee, Wisconsin



---

Dean Jacobsen  
Asbestos Inspector No. AII – 14370  
Expiration Date: 12/2/19  
Harenda Management Group



---

Jazmin Spears  
Asbestos Inspector No. AII – 111055  
Expiration Date: 8/10/19  
Harenda Management Group

July 31, 2019

City of Milwaukee  
Department of Neighborhood Services  
Attn: Marge Piwaron  
841 North Broadway 1<sup>st</sup> Floor  
Milwaukee, Wisconsin 53202-3613

RE: Deconstruction Inspection Report  
2430 North 11<sup>th</sup> Street  
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2430 North 11<sup>th</sup> Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

**HARENDA MANAGEMENT GROUP**



Dean Jacobsen  
Asbestos Inspector No. AII – 14370

## **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 2430 North 11<sup>th</sup> Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in transite siding and duct wrap sampled during the inspection. Asbestos was detected at less than 1% in window glazing compound. Asbestos was assumed to be in the roof flashing at the chimney. Results are in Section IV of this report.

Lead was detected in paint on the exterior and interior basement walls. Results are in Section V of this report.

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## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the one family dwelling at 2430 North 11<sup>th</sup> Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has transite and wood walls with asphalt roofing.

## II. ASBESTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

**On July 19, 2019, HMG conducted an asbestos inspection and lead inspection of a one family dwelling, scheduled for deconstruction, located at 2430 North 11<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Jazmin Spears, Wisconsin License No. AII – 111055, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.
4. Sampling of suspect lead painted masonry surfaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Transite siding
- Paper insulation
- Blown in insulation
- Plaster
- Drywall
- Floor tile
- Linoleum
- Asphalt roofing
- Flue packing
- Duct wrap
- Window glazing compound
- Roof flashing

- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

### III. ASBESTOS LABORATORY

#### A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

### IV. ASBESTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – west wall – transite siding	<b>Positive 20% Chrysotile</b>	<b>MTP</b>
2	Exterior – north wall – transite siding	<b>Positive 20% Chrysotile</b>	<b>MTP</b>
3	Exterior – east wall – transite siding	<b>Positive 20% Chrysotile</b>	<b>MTP</b>
4	Exterior – west wall under wood siding – silver paper insulation	Negative	MPIs
5	Exterior – north wall under wood siding – silver paper insulation	Negative	MPIs
6	Exterior – east wall under wood siding – silver paper insulation	Negative	MPIs
7	Exterior – in west wall – blown in insulation	Negative	MBI
8	Exterior – in north wall – blown in insulation	Negative	MBI
9	Exterior – in east wall – blown in insulation	Negative	MBI



Sample #	Location and Description	Results	Homogeneous Code
10	1 <sup>st</sup> floor – living room – east wall – plaster	Negative	SPI
11a	1 <sup>st</sup> floor – north bedroom – east wall – plaster	Negative	SPI
11b	1 <sup>st</sup> floor – north bedroom – east wall – joint compound layer	Negative	SPI
12a	1 <sup>st</sup> floor – kitchen – south wall – plaster	Negative	SPI
12b	1 <sup>st</sup> floor – kitchen – south wall – joint compound layer	Negative	SPI
13a	2 <sup>nd</sup> floor – stair – north wall – plaster	Negative	SPI
13b	2 <sup>nd</sup> floor – stair – north wall – joint compound layer	Negative	SPI
14a	2 <sup>nd</sup> floor – east bedroom – west wall – plaster	Negative	SPI
14b	2 <sup>nd</sup> floor – east bedroom – west wall – joint compound layer	Negative	SPI
15	1 <sup>st</sup> floor – living room – ceiling – drywall	Negative	MDW
16	1 <sup>st</sup> floor – dining room – north wall – drywall	Negative	MDW
17	1 <sup>st</sup> floor – kitchen – west wall – drywall	Negative	MDW
18a	1 <sup>st</sup> floor – kitchen west side – 12” white floor tile	Negative	MF12w
18b	1 <sup>st</sup> floor – kitchen west side – under 12” white floor tile – tan mastic	Negative	MF12w
19a	1 <sup>st</sup> floor – kitchen north side – 12” white floor tile	Negative	MF12w
19b	1 <sup>st</sup> floor – kitchen north side – under 12” white floor tile – tan mastic	Negative	MF12w
20a	1 <sup>st</sup> floor – kitchen east side – 12” white floor tile	Negative	MF12w
20b	1 <sup>st</sup> floor – kitchen east side – under 12” white floor tile – tan mastic	Negative	MF12w
21a	1 <sup>st</sup> floor – bathroom – tan linoleum	Negative	MFLt
21b	1 <sup>st</sup> floor – bathroom – under tan linoleum – tan mastic	Negative	MFLt
22a	2 <sup>nd</sup> floor – west bedroom east side – 12” tan and black floor tile	Negative	MF12t
22b	2 <sup>nd</sup> floor – west bedroom east side – under 12” tan and black floor tile – tan mastic	Negative	MF12t
23a	2 <sup>nd</sup> floor – west bedroom north side – 12” tan and black floor tile	Negative	MF12t
23b	2 <sup>nd</sup> floor – west bedroom north side – under 12” tan and black floor tile – tan mastic	Negative	MF12t
24a	2 <sup>nd</sup> floor – west bedroom south side – 12” tan and black floor tile	Negative	MF12t
24b	2 <sup>nd</sup> floor – west bedroom south side – under 12” tan and black floor tile – tan mastic	Negative	MF12t
25a	2 <sup>nd</sup> floor – bathroom – 12” blue and white floor tile	Negative	MF12bw
25b	2 <sup>nd</sup> floor – bathroom – under 12” blue and white floor tile – tan mastic	Negative	MF12bw
26a	2 <sup>nd</sup> floor – north closet – 12” red floor tile	Negative	MF12r
26b	2 <sup>nd</sup> floor – north closet – under 12” red floor tile – brown mastic	Negative	MF12r
27a	Roof – southeast top layer – gray asphalt shingle	Negative	MRSy
27b	Roof – southeast 2 <sup>nd</sup> layer – gray and green asphalt shingle	Negative	MRSyg
28a	Roof – south center top layer – gray asphalt shingle	Negative	MRSy
28b	Roof – south center 2 <sup>nd</sup> layer – gray and green asphalt shingle	Negative	MRSyg
29a	Roof – northeast top layer – gray asphalt shingle	Negative	MRSy
29b	Roof – northeast 2 <sup>nd</sup> layer – gray and green asphalt shingle	Negative	MRSyg
30	Basement – on chimney – flue packing	Negative	TFP
31	Basement – west side on duct – duct wrap	Positive 60% Chrysotile	TDW
32	Basement – north side on duct – duct wrap	Positive 60% Chrysotile	TDW

Sample #	Location and Description	Results	Homogeneous Code
33	Basement – south side on duct – duct wrap	Positive 60% Chrysotile	TDW
34	1 <sup>st</sup> floor – living room – on south window – glazing compound	Positive 2% Chrysotile	MPG
34	POINT COUNT RESULT	Trace 0.5% Chrysotile	MPG
35	2 <sup>nd</sup> floor – east bedroom – on south window – glazing compound	Positive 2% Chrysotile	MPG
35	POINT COUNT RESULT	Trace 0.25% Chrysotile	MPG
36	Basement – on east window – glazing compound	Positive 2% Chrysotile	MPG
36	POINT COUNT RESULT	Trace 0.5% Chrysotile	MPG

Two (2) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACMs):

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Transite Siding	MTP	Exterior Walls	1,150 SF	Category II Non-Friable
Duct Wrap	TDW	Basement on Ducts	15 SF	Friable

One (1) of the materials sampled contains less than 1% asbestos and is not an ACM:

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Window Glazing Compound	MPG	Windows on All Floors	20 Windows	Category II Non-Friable

### Assumed Asbestos Containing Materials

Material	Location	Approximate Quantity	Material Type
Roof Flashing	Roof at Chimney	5 SF	Category I Non-Friable

The flashing was not accessible at the time of the inspection.

**Note #1:** The ACMs listed above are friable, category I non-friable, and category II non-friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that these materials be abated prior to deconstruction.

**Note#2:** The window glazing compound contains less than 1% asbestos as verified by the point count method, and by definition in NR 447 is not an ACM. The contractor must follow U.S. Occupational Safety and Health Administration requirements in 29 CFR 1926.1101 (Asbestos in Construction) during removal. This regulation requires the employer to protect employees from asbestos exposure if any amount of asbestos is present. These requirements include:

- Exposure assessments
- Use of respirators and protective clothing until exposure assessments results are known,
- Using wet methods and HEPA vacuums for cleanup of the joint compound,
- Putting waste in leak tight asbestos labeled containers

HMG recommends that the window glazing compound be removed by a Wisconsin certified asbestos company, as necessary, as part of the deconstruction project.

**Note#3:** If additional materials are discovered during deconstruction that are not listed above they are to be assumed to be asbestos containing.

**Note#4:** A copy of this report should be transmitted to the deconstruction contractor.

**Note#5:** Additional duct wrap may be within walls and ceilings.

#### **Homogeneous Material Codes**

SPI	Plaster
MTP	Transite Siding
MPIs	Silver Paper Insulation
MBI	Blown in Insulation
MDW	Drywall
MF12w	12" White Floor Tile
MF12t	12" Tan Floor Tile
MF12bw	12" Blue & White Floor Tile
MF12r	12" Red Floor Tile
MFLt	Tan Linoleum
MRSy	Gray Asphalt Shingle
MRSyg	Gray & Green Asphalt Shingle
TFP	Flue Packing
TDW	Duct Wrap

## **V. LEAD PAINT INSPECTION**

### **A. Methods**

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling at 2430 North 11<sup>th</sup> Street, Milwaukee, Wisconsin, took place on July 19, 2019. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

## B. Component Testing Results

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section X.

### Interior: 2430 North 11<sup>th</sup> Street, Milwaukee, Wisconsin

- Painted block was observed on the interior basement walls. Lead based paint was not detected.

### Exterior: 2430 North 11<sup>th</sup> Street, Milwaukee, Wisconsin

- Painted block was observed on the exterior basement walls. Lead based paint was detected.

The following are the laboratory results.

Site: 2430 North 11<sup>th</sup> Street, Milwaukee, Wisconsin

Date: 7/19/19

Paint Testing Results					
Sample	Room	Component	Substrate	Color	Result (% Lead)
P1	Exterior	North Wall	Block	Gray	3.13
P2	Basement	South Wall	Block	Beige	0.00827

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <https://www.osha.gov/SLTC/lead/index.html> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

## VI. EXCLUSIONS

**Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.**

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

## **VII. LIMITATIONS**

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos and paint testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

*This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.*

## **VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST**

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

## **ASBESTOS**

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. **Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.**

## **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central)
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>N/A</u>	Refrigerators, Freezers, Chillers
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

## **LEAD**

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

## MERCURY

Products that may contain mercury:

## LIGHTING

<u>2</u>	Fluorescent Lights – 2 <sup>nd</sup> Floor East & West Bedrooms
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

## HVAC

Check thermostats and any control associated with air handling units for switches containing mercury.

## HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

<u>N/A</u>	Old Thermostats
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

## BOILERS, FURNACES, HEATERS AND TANKS

<u>N/A</u>	Mercury Flame Sensors by pilot lights
<u>N/A</u>	Manometers, Thermometers, Gauges
<u>N/A</u>	Pressure-trol
<u>N/A</u>	Float or Level Controls
<u>N/A</u>	Space Heaters



## ELECTRICAL SYSTEMS

<u>N/A</u>	Load Meters and Supply Relays
<u>N/A</u>	Phase Splitters
<u>N/A</u>	Microwave Relays
<u>N/A</u>	Mercury Displacement Relays

### PCBs

For electrical devices manufactured prior to 1987, it is safe to assume that they contain PCBs and should be managed accordingly. Most equipment manufactured after this time will say "PCB Free". The following is a list of areas in a building where PCBs may be found:

<u>N/A</u>	Transformers
<u>N/A</u>	Capacitors (appliances, electronic equipment)
<u>N/A</u>	Heat Transfer Equipment
<u>N/A</u>	Ballasts
<u>N/A</u>	Specialty Paints (such as for swimming pools or other industrial applications)
<u>N/A</u>	Sumps or Oil Traps (in maintenance and industrial facilities)

## OTHER ENVIRONMENTAL ISSUES

<u>N/A</u>	Hazardous Waste
<u>1</u>	Oil Tanks – Basement
<u>N/A</u>	Well Abandonment
<u>N/A</u>	Junk Auto Tires
<u>N/A</u>	Junk Vehicles

\* 20 Gallons Paint in Dining Room, Kitchen, 2<sup>nd</sup> Floor East Bedroom

## **IX. ASBESTOS LABORATORY RESULTS**



## Analysis Report

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

**Order #:** 327699

**Attn:**

**Received** 07/24/19  
**Analyzed** 07/26/19  
**Reported** 07/29/19

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2430

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

### PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
327699-001	07/19/19	1	Wisconsin		
Layer 1: Transite Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
327699-002	07/19/19	2	Wisconsin		
Layer 1: Transite Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
327699-003	07/19/19	3	Wisconsin		
Layer 1: Transite Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
327699-004	07/19/19	4	Wisconsin		
Layer 1: Paper Beige/Silver, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
327699-005	07/19/19	5	Wisconsin		
Layer 1: Paper Beige/Silver, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
327699-006	07/19/19	6	Wisconsin		
Layer 1: Paper Beige/Silver, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
327699-007	07/19/19	7	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
327699-008	07/19/19	8	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2430

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>327699-009</b>	07/19/19	9	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
<b>327699-010</b>	07/19/19	10	Wisconsin		
Layer 1: Plaster Beige, Granular One Layer Found.				None Detected	100% NON FIBROUS MATERIAL
<b>327699-011</b>	07/19/19	11	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Textured Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
<b>327699-012</b>	07/19/19	12	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Textured Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
<b>327699-013</b>	07/19/19	13	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Textured Material Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
<b>327699-014</b>	07/19/19	14	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Textured Material Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
<b>327699-015</b>	07/19/19	15	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2430

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>327699-016</b>	07/19/19	16	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
<b>327699-017</b>	07/19/19	17	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
<b>327699-018</b>	07/19/19	18	Wisconsin		
Layer 1: Floor Tile Off White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
<b>327699-019</b>	07/19/19	19	Wisconsin		
Layer 1: Floor Tile Off White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
<b>327699-020</b>	07/19/19	20	Wisconsin		
Layer 1: Floor Tile Off White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
<b>327699-021</b>	07/19/19	21	Wisconsin		
Layer 1: Floor Tile White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
<b>327699-022</b>	07/19/19	22	Wisconsin		
Layer 1: Floor Tile Black, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2430

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>327699-023</b>	07/19/19	23	Wisconsin		
Layer 1:	Floor Tile			None Detected	100% NON FIBROUS MATERIAL
	Black, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>327699-024</b>	07/19/19	24	Wisconsin		
Layer 1:	Floor Tile			None Detected	100% NON FIBROUS MATERIAL
	Black, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>327699-025</b>	07/19/19	25	Wisconsin		
Layer 1:	Floor Tile			None Detected	100% NON FIBROUS MATERIAL
	Black, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>327699-026</b>	07/19/19	26	Wisconsin		
Layer 1:	Floor Tile			None Detected	100% NON FIBROUS MATERIAL
	Red, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Brown, Brittle				
<b>327699-027</b>	07/19/19	27	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black/Blue, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2:	Shingle			None Detected	5% CELLULOSE FIBER
	Multi-Colored, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2430

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>327699-028</b>	07/19/19	28	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2:	Shingle			None Detected	5% CELLULOSE FIBER
	Black/Gray, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>327699-029</b>	07/19/19	29	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2:	Shingle			None Detected	5% CELLULOSE FIBER
	Black/Gray, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>327699-030</b>	07/19/19	30	Wisconsin		
Layer 1:	Hard Material			None Detected	100% NON FIBROUS MATERIAL
	Beige, Hard				
<b>327699-031</b>	07/19/19	31	Wisconsin		
Layer 1:	Insulation			60% CHRYSOTILE	20% CELLULOSE FIBER
	Beige, Fibrous				10% MINERAL/GLASS WOOL
					10% NON FIBROUS MATERIAL
<b>327699-032</b>	07/19/19	32	Wisconsin		
Layer 1:	Insulation			60% CHRYSOTILE	20% CELLULOSE FIBER
	Beige, Fibrous				10% MINERAL/GLASS WOOL
					10% NON FIBROUS MATERIAL
<b>327699-033</b>	07/19/19	33	Wisconsin		
Layer 1:	Insulation			60% CHRYSOTILE	20% CELLULOSE FIBER
	Beige, Fibrous				10% MINERAL/GLASS WOOL
					10% NON FIBROUS MATERIAL
<b>327699-034</b>	07/19/19	34	Wisconsin		
Layer 1:	Granular Material			2% CHRYSOTILE	98% NON FIBROUS MATERIAL
	White, Granular				
<b>327699-035</b>	07/19/19	35	Wisconsin		
Layer 1:	Granular Material			2% CHRYSOTILE	98% NON FIBROUS MATERIAL
	White, Granular				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2430

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
327699-036	07/19/19	36	Wisconsin		
Layer 1: Granular Material White, Granular				2% CHRYSOTILE	98% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%

Total layers analyzed on order: 52

327699-07/29/19 10:25 AM

Analyst **Mohammed Hashim**Reviewed By: **Irma Faszewski**  
QAQC Director

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.



**SCHNEIDER LABORATORIES GLOBAL, INC.**

2512 West Cary Street, Richmond, Virginia 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475  
www.slabinc.com • info@slabinc.com

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fgbrazi  
UPS

7/24/2019 10:05:09 AM  
1Z2E2899846 3043436

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.2430				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days  * not available for all tests ** past 3 PM the TAT will begin next business day  Please schedule rush tests in advance	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start	Time <sup>2</sup> Stop	Flow Rate <sup>3</sup> Start	Flow Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
1	7/19/19								
2									
3									
4									
5									
6									
7									
8									
9									
10	✓								

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 7/23/19 1700

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**

**SCHNEIDER LABORATORIES GLOBAL, INC.**

2512 West Cary Street, Richmond, Virginia 23220-5117

804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.2430				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days  * not available for all tests ** past 3 PM the TAT will begin next business day  Please schedule rush tests in advance	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
	<b>Sub-Contract</b>				
	<input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)				
	<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____		

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start Stop	Flow Rate <sup>3</sup> Start Stop	Total Air <sup>4</sup>
11	7/17/19						
12							
13							
14							
15							
16							
17							
18							
19							
20							

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion<sup>2</sup>Beginning/End of Sample Period<sup>3</sup>Liters/Minute<sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By:

Dean Jacobsen

Signature:

[Signature]

Date/Time

7/23/19/200

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**SCHNEIDER LABORATORIES GLOBAL, INC.**

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www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.2430				
Collected By					

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days  * not available for all tests ** past 3 PM the TAT will begin next business day  Please schedule rush tests in advance	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start	Time <sup>2</sup> Stop	Flow Rate <sup>3</sup> Start	Flow Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
21	7/19/19								
22									
23									
24									
25									
26									
27									
28									
29									
30									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By:

Dean Jacobsen

Signature:

Date/Time

7/23/19/200

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**

**SCHNEIDER LABORATORIES GLOBAL, INC.**

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www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.2430				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/>	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/>	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
	<b>Sub-Contract</b>				
	<input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)				
	<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/>		

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start	Time <sup>2</sup> Stop	Flow Rate <sup>3</sup> Start	Flow Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
31	7/19/19								
32									
33									
34									
35									
36									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 7/23/19 1200

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**



## Analysis Report

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

**Order #:** 328687

**Attn:**

**Received** 07/29/19  
**Analyzed** 07/31/19  
**Reported** 07/31/19

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2430

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 with Point Count **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
328687-001	07/19/19	34	Wisconsin		
Layer 1: Granular Material White, Granular, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
328687-002	07/19/19	35	Wisconsin		
Layer 1: Granular Material White, Granular, Homogenous				0.25% CHRYSOTILE	99.75% NON FIBROUS MATERIAL
328687-003	07/19/19	36	Wisconsin		
Layer 1: Granular Material White, Granular, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL

**EPA Regulatory Limit: 1%**

**Total layers analyzed on order: 3**

Analyst **Mohammed Hashim**

328687-07/31/19 05:00 PM

Reviewed By: **Irma Faszewski**  
QAQC Director

Reporting limit: 0.25% Samples analyzed by the EPA Point Count test method. The EPA recommends that any vermiculite sample with a trace (<1) or greater amount of asbestos is a concern and should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the lab, and must not be used to claim NVLAP or other government agency endorsement. The test results reported relate only to the samples submitted.

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804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475  
www.slabinc.com • info@slabinc.com

328687

S 3



V:328\328687

vthrasher 7/29/2019 3:34:00 PM  
Hand Delivered

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.2430	Order #:	327699		
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input checked="" type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b> <input type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input checked="" type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens <b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start	Time <sup>2</sup> Stop	Flow Rate <sup>3</sup> Start	Flow Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
34	7/19/19								
35									
36									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By:

Dean Jacobsen

Signature:

Date/Time

7/29/19 1335

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## **X. LEAD LABORATORY RESULTS**



## Analysis Report

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

**Order #:** 327695

**Matrix** Paint  
**Received** 07/24/19  
**Analyzed** 07/24/19  
**Reported** 07/24/19

**Attn:**

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2430

**PO Number:**

Sample ID	Cust. Sample ID	Location	Sample Date	Weight			
Parameter		Method		Total µg	% / Wt.	Conc.	RL*
327695-001	P1		07/19/19	329 mg			
Lead		EPA 7000B		10300 µg	3.13 %	31300 mg/kg	1520 mg/kg
327695-002	P2		07/19/19	341 mg			
Lead		EPA 7000B		28.2 µg	0.00827 %	82.7 mg/kg	29.3 mg/kg

**Analyst:** MKS  
**327695-07/24/19 04:49 PM**

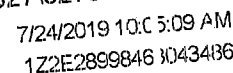
Reviewed By: **Jennifer Lee**  
Manager

### Federal Lead Paint Statute

Location	Clearance	Unit
Lead in paint by weight	< 0.50	%
Lead in paint as PPM	< 5000	mg/kg

Minimum reporting limit: 10.0 µg. All internal QC parameters were met. Unusual sample conditions, if any, are described. Do not reproduce this report except in full. Values are reported to three significant figures. PPM = mg/kg | PPB = µg/kg. The test results reported relate only to the samples submitted. AIHA-LAP, LLC accredited for Lead (Lab ID 100527).

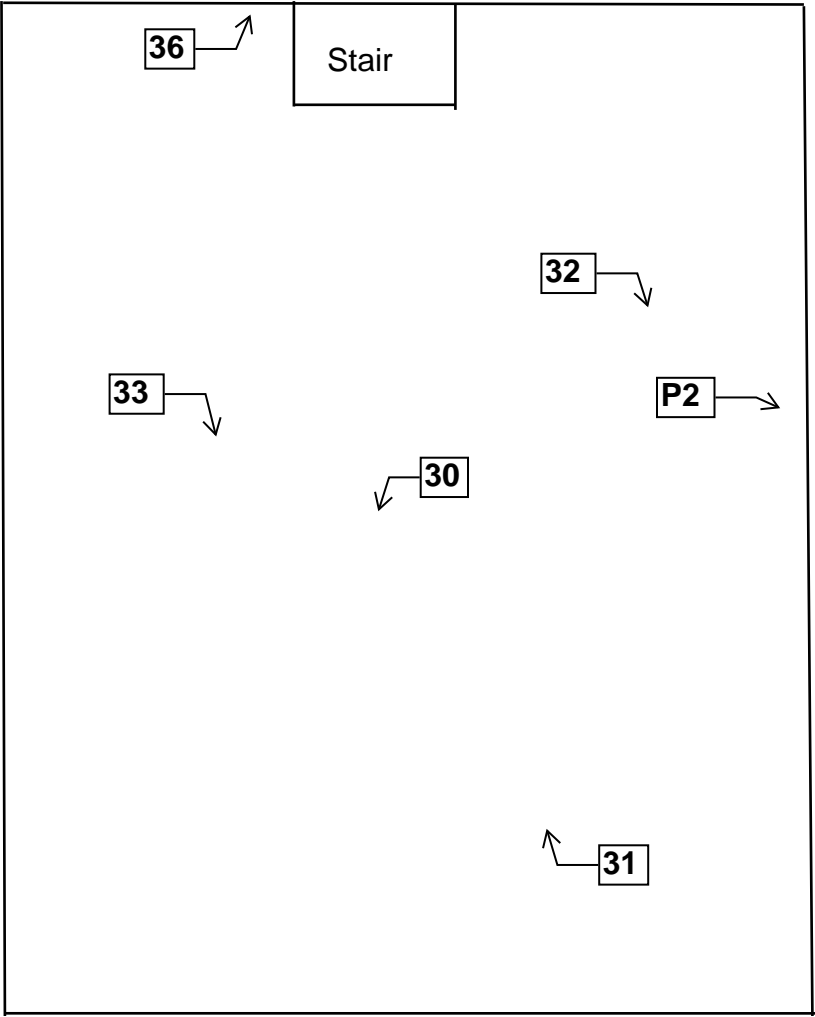




## **XI. FLOOR PLANS**

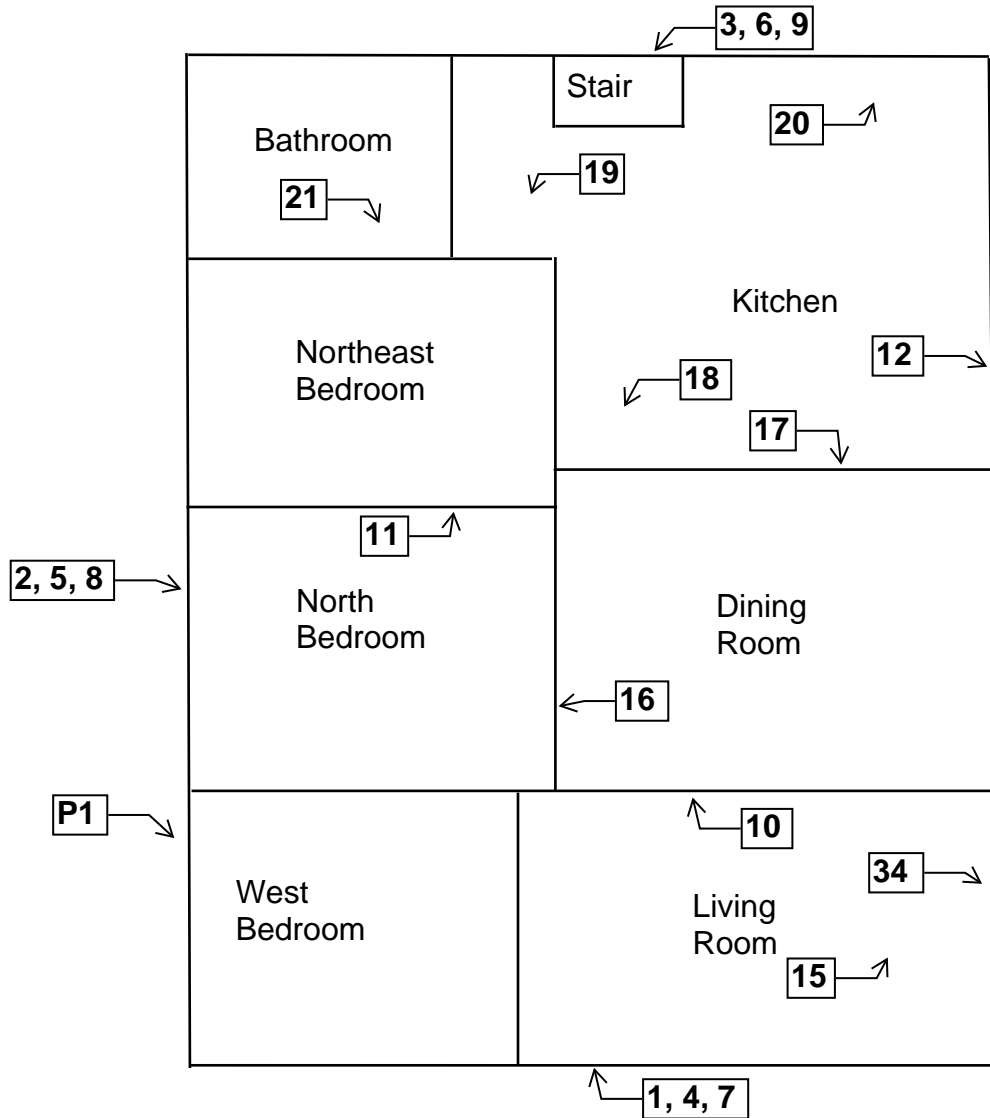
One Family Dwelling  
2430 North 11th Street  
Milwaukee, Wisconsin

Basement Floor Plan



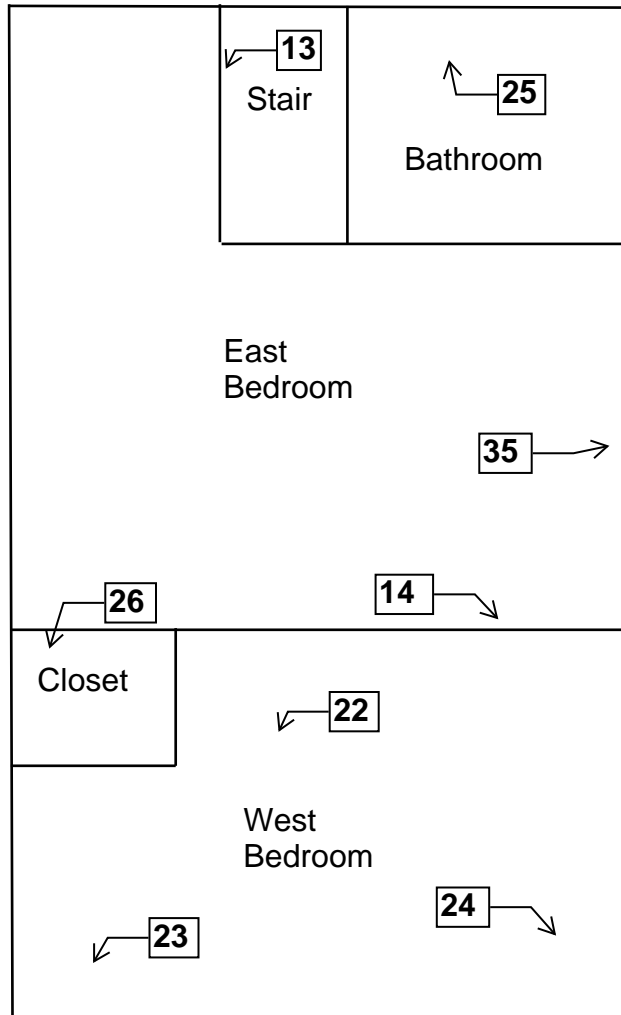
**One Family Dwelling**  
**2430 North 11th Street**  
**Milwaukee, Wisconsin**

1st Floor Plan



**One Family Dwelling  
2430 North 11th Street  
Milwaukee, Wisconsin**

2nd Floor Plan



**One Family Dwelling  
2430 North 11th Street  
Milwaukee, Wisconsin**

Roof Floor Plan



29



27



28



## **XII. HMG CERTIFICATION**



# Company Certificate

This certifies that

**HARENDA MANAGEMENT GROUP**

1237 W BRUCE ST  
MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

**Asbestos Company -- Primary**

Certificate Issue Date: 07/23/2019  
Expiration Date: 08/31/2021, 12:01 a.m.  
Certification #: CAP-480540

Wisconsin Department of Health Services  
Division of Public Health  
Bureau of Environmental and Occupational Health  
Asbestos & Lead Section  
PO Box 2659  
Madison WI 53701-2659  
Phone: (608) 261-6876



*Miriam Hasan*  
Miriam Hasan, Unit Supervisor



Scott Walker  
Governor

Linda Seemeyer  
Secretary

August 27, 2018



State of Wisconsin  
Department of Health Services

DIVISION OF PUBLIC HEALTH

1 WEST WILSON STREET

P O BOX 2659  
MADISON WI 53701-2659

Telephone: 608 266-1251  
FAX: 608 267-2832  
TTY: 888-701-1253  
dhs.wisconsin.gov

JAZMIN K C SPEARS  
1237 W BRUCE ST  
MILWAUKEE WI 53204-1218

ID# AII-111055

**Congratulations!** Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

**Follow Wisconsin law by making sure that you:**

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing [DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov), by using our Lead and Asbestos Online Certification website, [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo), or by mailing a note to:

Lead and Asbestos Section  
1 W. Wilson St., Room 137  
P.O. Box 2659  
Madison WI 53701-2659

4. Take refresher training well before the "Training due by" date printed on your blue card.
  - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.  
Find asbestos training providers at [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
  - o Lead-certified individuals can refresh up to **1 year** before the due date.  
Find lead training providers at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead).
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead) or [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you assume professional responsibility. Contact us if you have any questions below and on the back of your blue card.

The Lead and Asbestos Certification Program  
(608) 261-6876  
[DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov)  
[www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos)  
[www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead)

**COPY**

	ASBESTOS INSPECTOR		
	Issued By		
	STATE OF WISCONSIN		
	Dept. of Health Services		
Jazmin K C Spears			
1237 W Bruce St			
Milwaukee WI 53204-1218			
		198 lbs	5' 08"
AII-111055	Exp: 08/10/2019	10/19/1974	
Training due by: 08/10/2019			



## **DECONSTRUCTION INSPECTION REPORT**

### **Job Site:**

**Two Family Dwelling  
3101-03 North 20<sup>th</sup> Street  
Milwaukee, Wisconsin**

### **For:**

City of Milwaukee  
Department of Neighborhood Services  
Attn: Marge Piwaron  
841 North Broadway 1<sup>st</sup> Floor  
Milwaukee, Wisconsin 53202-3613

**HMG Report No.: 19-400-037.3101-03**

**Inspector: Jazmin Spears**

**Contract No.: 360-19-0975**

### **Prepared by:**

### **HARENDA MANAGEMENT GROUP**

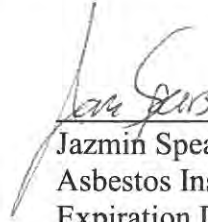
1237 West Bruce Street  
Milwaukee, Wisconsin 53204  
(414) 383-4800

**July 2019**

**Signature Page**  
Deconstruction Inspection Report  
Two Family Dwelling  
3101-03 North 20<sup>th</sup> Street  
Milwaukee, Wisconsin



Dean Jacobsen  
Asbestos Inspector No. AII – 14370  
Expiration Date: 12/2/19  
Harenda Management Group



Jazmin Spears  
Asbestos Inspector No. AII – 111055  
Expiration Date: 8/10/19  
Harenda Management Group

July 26, 2019

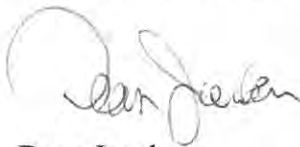
City of Milwaukee  
Department of Neighborhood Services  
Attn: Marge Piwaron  
841 North Broadway 1<sup>st</sup> Floor  
Milwaukee, Wisconsin 53202-3613

RE: Deconstruction Inspection Report  
3101-03 North 20<sup>th</sup> Street  
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 3101-03 North 20<sup>th</sup> Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

**HARENDA MANAGEMENT GROUP**



Dean Jacobsen  
Asbestos Inspector No. AII – 14370

**Signature Page**  
Deconstruction Inspection Report  
Two Family Dwelling  
3101-03 North 20<sup>th</sup> Street  
Milwaukee, Wisconsin

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Dean Jacobsen  
Asbestos Inspector No. AII – 14370  
Expiration Date: 12/2/19  
Harenda Management Group

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Jazmin Spears  
Asbestos Inspector No. AII – 111055  
Expiration Date: 8/10/19  
Harenda Management Group

July 26, 2019

City of Milwaukee  
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Attn: Marge Piwaron  
841 North Broadway 1<sup>st</sup> Floor  
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Sincerely,

**HARENDA MANAGEMENT GROUP**

Dean Jacobsen  
Asbestos Inspector No. AII – 14370

## **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 3101-03 North 20<sup>th</sup> Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in exterior transite siding and in duct wrap sampled during the inspection. Asbestos was assumed to be in the roof flashing at the chimney. Results are in Section IV of this report.

Lead was detected in paint on the interior basement walls and exterior porch columns. Results are in Section V of this report.

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## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling at 3101-03 North 20<sup>th</sup> Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has vinyl and wood walls with asphalt roofing.

## II. ASBESTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

**On July 17, 2019, HMG conducted an asbestos inspection and lead inspection of a two family dwelling, scheduled for deconstruction, located at 3101-03 North 20<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Jazmin Spears, Wisconsin License No. AII – 111055, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.
4. Sampling of suspect lead painted masonry surfaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Transite siding
- Tar paper
- Drywall
- Paper insulation
- Window glazing compound
- Duct wrap
- Floor tile
- Linoleum
- Texture
- Asphalt roofing
- Plaster
- Roof flashing

- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

### III. ASBESTOS LABORATORY

#### A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

### IV. ASBESTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – north wall – transite siding	<b>Positive 20% Chrysotile</b>	<b>MTP</b>
2	Exterior – west wall – transite siding	<b>Positive 20% Chrysotile</b>	<b>MTP</b>
3	Exterior – south wall – transite siding	<b>Positive 20% Chrysotile</b>	<b>MTP</b>
4	Exterior – north wall under transite – tar paper	Negative	MPT
5	Exterior – west wall under transite – tar paper	Negative	MPT
6	Exterior – south wall under transite – tar paper	Negative	MPT
7	Exterior – north wall under tar paper – drywall	Negative	MDW
8	Exterior – north wall under tar paper – drywall	Negative	MDW
9	Exterior – north wall under tar paper – drywall	Negative	MDW
10	Exterior – north wall under wood siding – black paper insulation	Negative	MPIk

Sample #	Location and Description	Results	Homogeneous Code
11	Exterior – west wall under wood siding – black paper insulation	Negative	MPIk
12	Exterior – south wall under wood siding – black paper insulation	Negative	MPIk
13	1 <sup>st</sup> floor – living room – on east window – glazing compound	Negative	MPG
14	2 <sup>nd</sup> floor – bathroom – on north window – glazing compound	Negative	MPG
15	Basement – on south window – glazing compound	Negative	MPG
16	<b>1<sup>st</sup> floor – living room – on west wall duct – duct wrap</b>	<b>Positive 55% Chrysotile</b>	<b>TDW</b>
17	<b>2<sup>nd</sup> floor – kitchen – on east wall duct – duct wrap</b>	<b>Positive 55% Chrysotile</b>	<b>TDW</b>
18	<b>Basement – on duct near center – duct wrap</b>	<b>Positive 55% Chrysotile</b>	<b>TDW</b>
19	1 <sup>st</sup> floor – front entry top layer – 12” white and tan floor tile	Negative	MF12wt
20	1 <sup>st</sup> floor – front entry 2 <sup>nd</sup> layer – 12” gold and tan floor tile	Negative	MF12dt
21	1 <sup>st</sup> floor – kitchen – northeast top layer – 12” cream floor tile	Negative	MF12c
22a	1 <sup>st</sup> floor – kitchen – northwest top layer – 12” cream floor tile	Negative	MF12c
22b	1 <sup>st</sup> floor – kitchen – northwest top layer – under 12” cream floor tile – yellow mastic	Negative	MF12c
23a	1 <sup>st</sup> floor – kitchen – southwest top layer – 12” cream floor tile	Negative	MF12c
23b	1 <sup>st</sup> floor – kitchen – southwest top layer – under 12” cream floor tile – yellow mastic	Negative	MF12c
24a	1 <sup>st</sup> floor – kitchen – northeast 3 <sup>rd</sup> layer – 12” tan and black floor tile	Negative	MF12tk
24b	1 <sup>st</sup> floor – kitchen – northeast 3 <sup>rd</sup> p layer – under 12” tan and black floor tile – yellow mastic	Negative	MF12c
25a	1 <sup>st</sup> floor – kitchen – northwest 3 <sup>rd</sup> layer – 12” tan and black floor tile	Negative	MF12tk
25b	1 <sup>st</sup> floor – kitchen – northwest 3 <sup>rd</sup> p layer – under 12” tan and black floor tile – yellow mastic	Negative	MF12c
26a	1 <sup>st</sup> floor – kitchen – southwest 3 <sup>rd</sup> layer – 12” tan and black floor tile	Negative	MF12tk
26b	1 <sup>st</sup> floor – kitchen – southwest 3 <sup>rd</sup> p layer – under 12” tan and black floor tile – yellow mastic	Negative	MF12c
27	1 <sup>st</sup> floor – bathroom – white and blue linoleum	Negative	MFLwb
28	2 <sup>nd</sup> floor – kitchen – west side top layer – 12” green and white floor tile	Negative	MF12gw
29	2 <sup>nd</sup> floor – kitchen – east side top layer – 12” green and white floor tile	Negative	MF12gw
30	2 <sup>nd</sup> floor – kitchen – south side top layer – 12” green and white floor tile	Negative	MF12gw
31	2 <sup>nd</sup> floor – kitchen – west side 2 <sup>nd</sup> layer – 12” tan floor tile	Negative	MF12t
32	2 <sup>nd</sup> floor – kitchen – east side 2 <sup>nd</sup> layer – 12” tan floor tile	Negative	MF12t
33	2 <sup>nd</sup> floor – kitchen – south side 2 <sup>nd</sup> layer – 12” tan floor tile	Negative	MF12t
34a	2 <sup>nd</sup> floor – bathroom – 12” white floor tile	Negative	MF12w
34b	2 <sup>nd</sup> floor – bathroom – under 12” white floor tile – black mastic	Negative	MF12w
35	Attic – stair – brown linoleum	Negative	MFLn
36	2 <sup>nd</sup> floor – living room – on south wall – texture	Negative	STX
37a	Roof – northeast 2 <sup>nd</sup> layer – red asphalt shingle	Negative	MRSr
37b	Roof – northeast top layer – tan asphalt shingle	Negative	MRSt

Sample #	Location and Description	Results	Homogeneous Code
38a	Roof – southeast 2 <sup>nd</sup> layer – red asphalt shingle	Negative	MRSr
38b	Roof – southeast top layer – tan asphalt shingle	Negative	MRSt
39a	Roof – southwest 2 <sup>nd</sup> layer – red asphalt shingle	Negative	MRSr
39b	Roof – southwest top layer – tan asphalt shingle	Negative	MRSt
41	Basement – stair – brown and tan linoleum	Negative	MFLnt
44	1 <sup>st</sup> floor – front entry – south wall – plaster	Negative	SPI
45	1 <sup>st</sup> floor – living room – south wall – plaster	Negative	SPI
46	1 <sup>st</sup> floor – dining room – east wall – plaster	Negative	SPI
47	1 <sup>st</sup> floor – northwest bedroom – west wall – plaster	Negative	SPI
48	2 <sup>nd</sup> floor – rear stair – west wall – plaster	Negative	SPI
49	2 <sup>nd</sup> floor – kitchen – west wall – plaster	Negative	SPI
50	2 <sup>nd</sup> floor – northeast bedroom – east wall – plaster	Negative	SPI

Two (2) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Duct Wrap	TDW	Ducts in 1 <sup>st</sup> Floor Walls, Basement Ducts	260 SF	Friable
Transite Siding	MTP	Exterior Walls	2,700 SF	Category II Non-Friable

#### Assumed Asbestos Containing Materials

Material	Location	Approximate Quantity	Material Type
Roof Flashing	Roof at Chimney	5 SF	Category I Non-Friable

The flashing was not accessible at the time of the inspection.

**Note #1:** The ACMs listed above are friable, category I non-friable, and category II non-friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that these materials be abated prior to deconstruction.

**Note#2:** If additional materials are discovered during deconstruction that are not listed above they are to be assumed to be asbestos containing.

**Note#3:** A copy of this report should be transmitted to the deconstruction contractor.

**Note #4:** Additional duct wrap may be within walls and ceilings.

#### Homogeneous Material Codes

SPI	Plaster
STX	Texture
MTP	Transite
MPT	Tar Paper
MDW	Drywall
MPIk	Black Paper Insulation
MPG	Window Glazing Compound
MF12wt	12” White & Tan Floor Tile
MF12dt	12” Gold & Tan Floor Tile
MF12c	12” Cream Floor Tile

### **Homogeneous Material Codes**

MF12tk	12" Tan & Black Floor Tile
MF12wg	12" White & Green Floor Tile
MF12w	12" White Floor Tile
MF12t	12" Tan Floor Tile
MFLwb	White & Blue Linoleum
MFLn	Brown Linoleum
MFLnt	Brown & Tan Linoleum
MRSst	Tan Asphalt Shingle
MRSr	Red Asphalt Shingle
TDW	Duct Wrap

## **V. LEAD PAINT INSPECTION**

### **A. Methods**

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling at 3101-03 North 20<sup>th</sup> Street, Milwaukee, Wisconsin, took place on July 17, 2019. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

### **B. Component Testing Results**

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section X.

#### **Interior: 3101-03 North 20<sup>th</sup> Street, Milwaukee, Wisconsin**

- **Painted brick was observed on the interior basement walls. Lead based paint was not detected.**

**Exterior: 3101-03 North 20<sup>th</sup> Street, Milwaukee, Wisconsin**

- **Painted brick was observed on the exterior front porch columns. Lead based paint was not detected.**

The following are the laboratory results.

**Site: 3101-03 North 20<sup>th</sup> Street, Milwaukee, Wisconsin**

**Date: 7/17/19**

Paint Testing Results					
Sample	Room	Component	Substrate	Color	Result (% Lead)
P1	Exterior	Front Porch Column	Block	Brown	0.242
P2	Basement	South Wall	Brick	White	0.00609

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <https://www.osha.gov/SLTC/lead/index.html> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste (<https://dnr.wi.gov/files/PDF/pubs/wa/WA605.pdf>). They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

## **VI. EXCLUSIONS**

**Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.**

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

## **VII. LIMITATIONS**

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos and paint testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

*This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.*

## **VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST**



This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

## **ASBESTOS**

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. **Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.**

## **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central)
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>N/A</u>	Refrigerators, Freezers, Chillers
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

## **LEAD**

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

## **MERCURY**

Products that may contain mercury:

## **LIGHTING**

<u>2</u>	Fluorescent Lights – 2 <sup>nd</sup> Floor Northwest Bedroom
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

## **HVAC**

Check thermostats and any control associated with air handling units for switches containing mercury.

## **HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS**

<u>N/A</u>	Old Thermostats
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

## **BOILERS, FURNACES, HEATERS AND TANKS**

<u>N/A</u>	Mercury Flame Sensors by pilot lights
<u>N/A</u>	Manometers, Thermometers, Gauges
<u>N/A</u>	Pressure-trol
<u>N/A</u>	Float or Level Controls
<u>N/A</u>	Space Heaters

## ELECTRICAL SYSTEMS

<u>  N/A  </u>	Load Meters and Supply Relays
<u>  N/A  </u>	Phase Splitters
<u>  N/A  </u>	Microwave Relays
<u>  N/A  </u>	Mercury Displacement Relays

### PCBs

For electrical devices manufactured prior to 1987, it is safe to assume that they contain PCBs and should be managed accordingly. Most equipment manufactured after this time will say "PCB Free". The following is a list of areas in a building where PCBs may be found:

<u>  N/A  </u>	Transformers
<u>  N/A  </u>	Capacitors (appliances, electronic equipment)
<u>  N/A  </u>	Heat Transfer Equipment
<u>  N/A  </u>	Ballasts
<u>  N/A  </u>	Specialty Paints (such as for swimming pools or other industrial applications)
<u>  N/A  </u>	Sumps or Oil Traps (in maintenance and industrial facilities)

## OTHER ENVIRONMENTAL ISSUES

<u>  N/A  </u>	Hazardous Waste
<u>  N/A  </u>	Oil Tanks
<u>  N/A  </u>	Well Abandonment
<u>  N/A  </u>	Junk Auto Tires
<u>  N/A  </u>	Junk Vehicles

\* 2 Gas Meters on Exteriors

## **IX. ASBESTOS LABORATORY RESULTS**



## Analysis Report

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

**Order #:** 326872

**Attn:**

**Received** 07/19/19  
**Analyzed** 07/23/19  
**Reported** 07/24/19

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3103-05

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

### PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
326872-001	07/17/19	1	Wisconsin		
Layer 1: Hard Material Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
326872-002	07/17/19	2	Wisconsin		
Layer 1: Hard Material Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
326872-003	07/17/19	3	Wisconsin		
Layer 1: Hard Material Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
326872-004	07/17/19	4	Wisconsin		
Layer 1: Fibrous Material Black, Bituminous/Fibrous				None Detected	45% CELLULOSE FIBER 10% NON FIBROUS MATERIAL 45% SYNTHETIC FIBER
326872-005	07/17/19	5	Wisconsin		
Layer 1: Fibrous Material Black, Bituminous/Fibrous				None Detected	45% CELLULOSE FIBER 10% NON FIBROUS MATERIAL 45% SYNTHETIC FIBER
326872-006	07/17/19	6	Wisconsin		
Layer 1: Fibrous Material Black, Bituminous/Fibrous				None Detected	45% CELLULOSE FIBER 10% NON FIBROUS MATERIAL 45% SYNTHETIC FIBER
326872-007	07/17/19	7	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	4% CELLULOSE FIBER 96% NON FIBROUS MATERIAL
326872-008	07/17/19	8	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	4% CELLULOSE FIBER 96% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3103-05

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>326872-009</b>	07/17/19	9	Wisconsin		
Layer 1:	Drywall			None Detected	4% CELLULOSE FIBER
	White, Powdery				96% NON FIBROUS MATERIAL
<b>326872-010</b>	07/17/19	10	Wisconsin		
Layer 1:	Fibrous Material			None Detected	45% CELLULOSE FIBER
	Black, Bituminous/Fibrous				10% NON FIBROUS MATERIAL
					45% SYNTHETIC FIBER
<b>326872-011</b>	07/17/19	11	Wisconsin		
Layer 1:	Fibrous Material			None Detected	45% CELLULOSE FIBER
	Black, Bituminous/Fibrous				10% NON FIBROUS MATERIAL
					45% SYNTHETIC FIBER
<b>326872-012</b>	07/17/19	12	Wisconsin		
Layer 1:	Fibrous Material			None Detected	45% CELLULOSE FIBER
	Black, Bituminous/Fibrous				10% NON FIBROUS MATERIAL
					45% SYNTHETIC FIBER
<b>326872-013</b>	07/17/19	13	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Gray, Granular				
<b>326872-014</b>	07/17/19	14	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Gray, Granular				
<b>326872-015</b>	07/17/19	15	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Gray, Granular				
<b>326872-016</b>	07/17/19	16	Wisconsin		
Layer 1:	Fibrous Material			55% CHRYSOTILE	35% CELLULOSE FIBER
	Gray, Fibrous				10% NON FIBROUS MATERIAL
<b>326872-017</b>	07/17/19	17	Wisconsin		
Layer 1:	Fibrous Material			55% CHRYSOTILE	35% CELLULOSE FIBER
	Gray, Fibrous				10% NON FIBROUS MATERIAL
<b>326872-018</b>	07/17/19	18	Wisconsin		
Layer 1:	Fibrous Material			55% CHRYSOTILE	35% CELLULOSE FIBER
	Gray, Fibrous				10% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3103-05

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>326872-019</b>	07/17/19	19	Wisconsin		
Layer 1: Floor Tile Beige, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
<b>326872-020</b>	07/17/19	20	Wisconsin		
Layer 1: Floor Tile Beige, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
<b>326872-021</b>	07/17/19	21	Wisconsin		
Layer 1: Floor Tile Beige, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
<b>326872-022</b>	07/17/19	22	Wisconsin		
Layer 1: Floor Tile Beige, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Yellow, Soft				None Detected	100% NON FIBROUS MATERIAL
<b>326872-023</b>	07/17/19	23	Wisconsin		
Layer 1: Floor Tile Beige, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Yellow, Soft				None Detected	100% NON FIBROUS MATERIAL
<b>326872-024</b>	07/17/19	24	Wisconsin		
Layer 1: Floor Tile Light Green, Rubbery				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Yellow, Soft				None Detected	100% NON FIBROUS MATERIAL
<b>326872-025</b>	07/17/19	25	Wisconsin		
Layer 1: Floor Tile Light Green, Rubbery				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Yellow, Soft				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3103-05

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>326872-026</b>	07/17/19	26	Wisconsin		
Layer 1: Floor Tile Light Green, Rubbery				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Yellow, Soft				None Detected	100% NON FIBROUS MATERIAL
<b>326872-027</b>	07/17/19	27	Wisconsin		
Layer 1: Flooring Gray, Fibrous				None Detected	25% CELLULOSE FIBER 65% NON FIBROUS MATERIAL 10% SYNTHETIC FIBER
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>326872-028</b>	07/17/19	28	Wisconsin		
Layer 1: Floor Tile Off White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
<b>326872-029</b>	07/17/19	29	Wisconsin		
Layer 1: Floor Tile Off White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
<b>326872-030</b>	07/17/19	30	Wisconsin		
Layer 1: Floor Tile Off White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
<b>326872-031</b>	07/17/19	31	Wisconsin		
Layer 1: Flooring Olive, Org.Bound/Fibrous				None Detected	25% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 30% SYNTHETIC FIBER
<b>326872-032</b>	07/17/19	32	Wisconsin		
Layer 1: Flooring Olive, Org.Bound/Fibrous				None Detected	25% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 30% SYNTHETIC FIBER
<b>326872-033</b>	07/17/19	33	Wisconsin		
Layer 1: Flooring Olive, Org.Bound/Fibrous				None Detected	25% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 30% SYNTHETIC FIBER
<b>326872-034</b>	07/17/19	34	Wisconsin		
Layer 1: Floor Tile White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Black, Bituminous				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.



**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3103-05

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>326872-035</b>	07/17/19	35	Wisconsin		
Layer 1:	Flooring			None Detected	25% CELLULOSE FIBER
	Tan, Fibrous				55% NON FIBROUS MATERIAL
					20% SYNTHETIC FIBER

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

<b>326872-036</b>	07/17/19	36	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				

<b>326872-037</b>	07/17/19	37	Wisconsin		
Layer 1:	Roofing Material			None Detected	15% CELLULOSE FIBER
	Pink/Black, Bituminous				70% NON FIBROUS MATERIAL
					15% SYNTHETIC FIBER

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

Layer 2:	Roofing Material			None Detected	15% CELLULOSE FIBER
	Tan/Black, Bituminous				70% NON FIBROUS MATERIAL
					15% SYNTHETIC FIBER

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

<b>326872-038</b>	07/17/19	38	Wisconsin		
Layer 1:	Roofing Material			None Detected	15% CELLULOSE FIBER
	Pink/Black, Bituminous				70% NON FIBROUS MATERIAL
					15% SYNTHETIC FIBER

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

Layer 2:	Roofing Material			None Detected	15% CELLULOSE FIBER
	Tan/Black, Bituminous				70% NON FIBROUS MATERIAL
					15% SYNTHETIC FIBER

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

<b>326872-039</b>	07/17/19	39	Wisconsin		
Layer 1:	Roofing Material			None Detected	15% CELLULOSE FIBER
	Pink/Black, Bituminous				70% NON FIBROUS MATERIAL
					15% SYNTHETIC FIBER

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

Layer 2:	Roofing Material			None Detected	15% CELLULOSE FIBER
	Tan/Black, Bituminous				70% NON FIBROUS MATERIAL
					15% SYNTHETIC FIBER

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

<b>326872-040</b>	07/17/19	41	Wisconsin		
Layer 1:	Flooring			None Detected	35% CELLULOSE FIBER
	Brown, Org.Bound/Fibrous				65% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3103-05

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
326872-041	07/17/19	44	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	3% ANIMAL HAIR 97% NON FIBROUS MATERIAL
326872-042	07/17/19	45	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
326872-043	07/17/19	46	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
326872-044	07/17/19	47	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	3% ANIMAL HAIR 97% NON FIBROUS MATERIAL
326872-045	07/17/19	48	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	3% ANIMAL HAIR 97% NON FIBROUS MATERIAL
326872-046	07/17/19	49	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
326872-047	07/17/19	50	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL

**EPA Regulatory Limit: 1%****Total layers analyzed on order: 56**Analyst **Elsamani Abdelfadial**

326872-07/24/19 12:53 PM

Reviewed By: **Irma Faszewski**  
QAQC Director

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

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UPS

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Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3103-05				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start	Time <sup>2</sup> Stop	Flow Rate <sup>3</sup> Start	Flow Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
1	7/12/19								
2									
3									
4									
5									
6									
7									
8									
9									
10									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion<sup>2</sup>Beginning/End of Sample Period<sup>3</sup>Liters/Minute<sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By:

Dean Jacobsen

Signature:

Date/Time

7/18/19 1700

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Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3103-05				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select All that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens  <b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start	Time <sup>2</sup> Stop	Flow Rate <sup>3</sup> Start	Flow Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
11	7/17/19								
12									
13									
14									
15									
16									
17									
18									
19									
20									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis			
<sup>1</sup> Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup> Beginning/End of Sample Period <sup>3</sup> Liters/Minute <sup>4</sup> Volume in Liters [time in min x flow in L/min]			
Relinquished By:	Dean Jacobsen	Signature:	Dean Jacobsen
		Date/Time	7/18/19 1700
<b>! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !</b>			

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Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3103-05				
Collected By					

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
	<input type="checkbox"/> Paint	<input checked="" type="checkbox"/> PLM	<input type="checkbox"/> Lead	<input type="checkbox"/> Lead	<input type="checkbox"/> BACT (MPN/PA)
	<input type="checkbox"/> Soil	<input type="checkbox"/> PLM Qualitative	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> Mold Direct Exam
	<input type="checkbox"/> Wipe	<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Chromium VI	<input type="checkbox"/> Full TCLP (w/ organics 10 Day)	<input type="checkbox"/> Allergens
	<input checked="" type="checkbox"/> Bulk	<input type="checkbox"/> 1000 Point Count	<input type="checkbox"/> Mercury		
<input type="checkbox"/> 5 business days	<input type="checkbox"/> Waste Water	<input type="checkbox"/> Gravimetric Prep			
	<input type="checkbox"/> Ground Water	<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<b>Sub-Contract</b>
	<input type="checkbox"/> Drinking Water	<input type="checkbox"/> PCM	<input type="checkbox"/> Total Dust NIOSH 0500	<input type="checkbox"/> Silica FTIR (7602)	<input type="checkbox"/> TEM Chatfield
	<input type="checkbox"/> TSP / PM10	<input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/>	<input type="checkbox"/> TEM AHERA
	<input type="checkbox"/>				<input type="checkbox"/> TEM 7402
					<input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start Stop	Flow Rate <sup>3</sup> Start Stop	Total Air <sup>4</sup>
21	7/17/19						
22							
23							
24							
25							
26							
27							
28							
29							
30							

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 7/18/19 1700

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<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert. Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenvironmenmtal.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.3103-05				
<b>Collected By</b>					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days  * not available for all tests ** past 3 PM the TAT will begin next business day  Please schedule rush tests in advance	<input type="checkbox"/> Air	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
	<input type="checkbox"/> Paint	<input checked="" type="checkbox"/> PLM	<input type="checkbox"/> Lead	<input type="checkbox"/> Lead	<input type="checkbox"/> BACT (MPN/PA)
	<input type="checkbox"/> Soil	<input type="checkbox"/> PLM Qualitative	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> Mold Direct Exam
	<input type="checkbox"/> Wipe	<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Chromium VI	<input type="checkbox"/> Full TCLP	<input type="checkbox"/> Allergens
	<input checked="" type="checkbox"/> Bulk	<input type="checkbox"/> 1000 Point Count	<input type="checkbox"/> Mercury	(w/ organics 10 Day)	
<input type="checkbox"/> Waste Water	<input type="checkbox"/> Gravimetric Prep				
<input type="checkbox"/> Ground Water		<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<b>Sub-Contract</b>
<input type="checkbox"/> Drinking Water	<input type="checkbox"/> PCM	<input type="checkbox"/> Total Dust NIOSH 0500	<input type="checkbox"/> Silica FTIR (7602)	<input type="checkbox"/> TEM Chatfield	
<input type="checkbox"/> TSP / PM10	<input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/>	<input type="checkbox"/> TEM AHERA	
<input type="checkbox"/>				<input type="checkbox"/> TEM 7402	
				<input type="checkbox"/> Silica XRD (7500)	

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start Stop	Flow Rate <sup>3</sup> Start Stop	Total Air <sup>4</sup>
31	7/17/19						
32							
33							
34							
35							
36							
37							
38							
39							
41							

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Deane Jacobsen Signature: [Signature] Date/Time 7/18/19 1700

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Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3103-05				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start	Time <sup>2</sup> Stop	Flow Rate <sup>3</sup> Start	Flow Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
44	7/17/19								
45									
46									
47									
48									
49									
50									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion<sup>2</sup>Beginning/End of Sample Period<sup>3</sup>Liters/Minute<sup>4</sup>Volume in Liters, [time in min × flow in L/min]

Relinquished By:

Dean Jacobsen

Signature:

Date/Time

7/18/19/20

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**

## **X. LEAD LABORATORY RESULTS**





## Analysis Report

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

**Order #:** 326866

**Matrix** Paint  
**Received** 07/19/19  
**Analyzed** 07/22/19  
**Reported** 07/23/19

**Attn:**

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3103-05

**PO Number:**

Sample ID	Cust. Sample ID	Location	Sample Date	Weight			
Parameter		Method		Total µg	% / Wt.	Conc.	RL*
326866-001	P1	Wisconsin	07/17/19	315 mg			
Lead		EPA 7000B		763 µg	0.242 %	2420 mg/kg	63.5 mg/kg
<i>Sample contains substrate which may affect the calculation of weight percent and mg/kg.</i>							
326866-002	P2	Wisconsin	07/17/19	240 mg			
Lead		EPA 7000B		14.6 µg	0.00609 %	60.9 mg/kg	41.7 mg/kg

**Analyst:** DLJ  
326866-07/23/19 02:56 PM

Reviewed By: **Mary Katherine Smith**  
Analyst

### Federal Lead Paint Statute

Location	Clearance	Unit
Lead in paint by weight	< 0.50	%
Lead in paint as PPM	< 5000	mg/kg

Minimum reporting limit: 10.0 µg. All internal QC parameters were met. Unusual sample conditions, if any, are described. Do not reproduce this report except in full. Values are reported to three significant figures. PPM = mg/kg | PPB = µg/kg. The test results reported relate only to the samples submitted. AIHA-LAP, LLC accredited for Lead (Lab ID 100527).

**SCHNEIDER LABORATORIES GLOBAL, I**

2512 West Cary Street, Richmond, Virginia 23220-51  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1  
www.slabinc.com • info@slabinc.com

326366



V:\326\326866

7/19/2019 10:13:32 AM  
1Z2E2899846 1231468

thanks  
UPS

<b>Submitting Co.</b>	Harendra Management Group	<b>State of Collection</b>	WI	<b>Cert. Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenviromenmtal.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.3103-05				
<b>Collected By</b>					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days  * not available for all tests ** past 3 PM the TAT will begin next business day  <i>Please schedule rush tests in advance</i>	<input type="checkbox"/> Air <input checked="" type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b> <input type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input checked="" type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <i>(w/ organics 10 Day)</i>	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens  <b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	

[illegible]

**For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis**

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

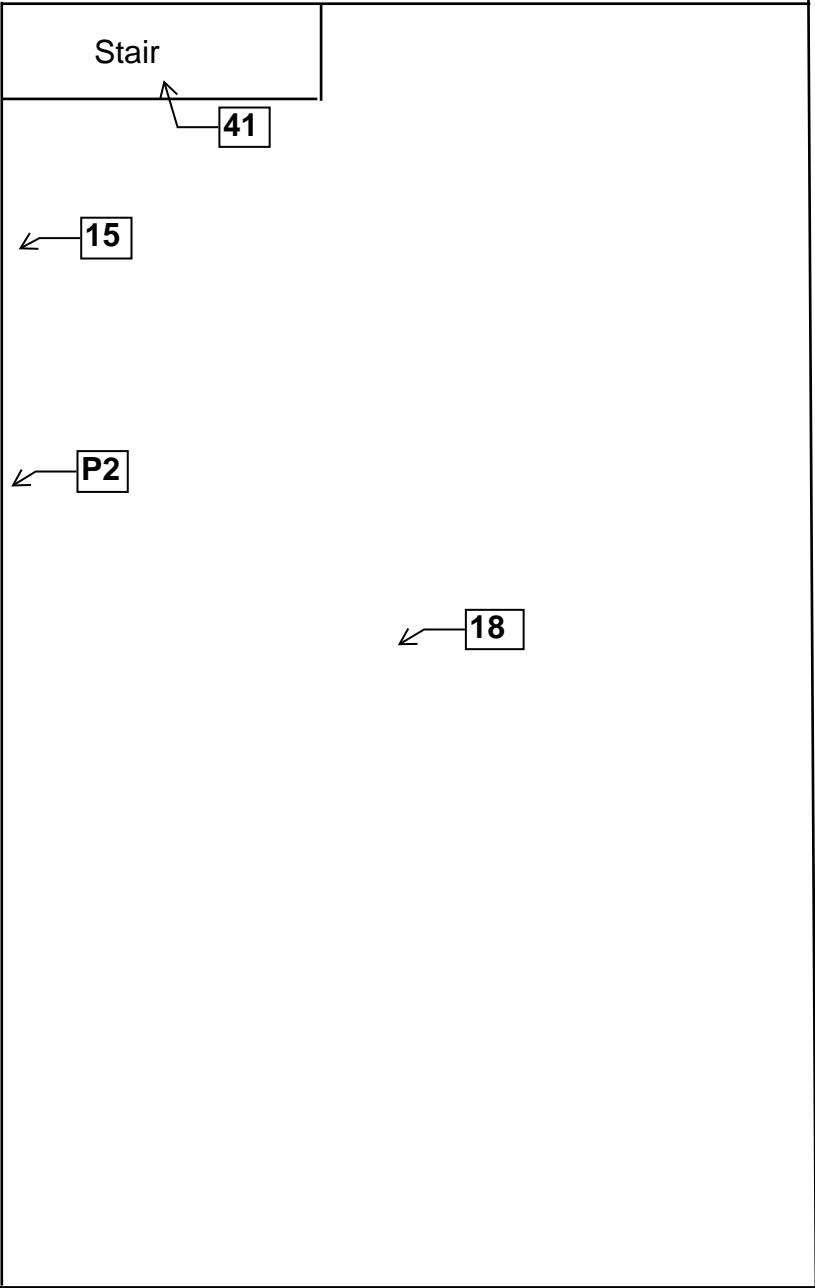
Relinquished By: Deen Jacobson Signature: [Signature] Date/Time 7/18/19 1700

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**

## **XI. FLOOR PLANS**

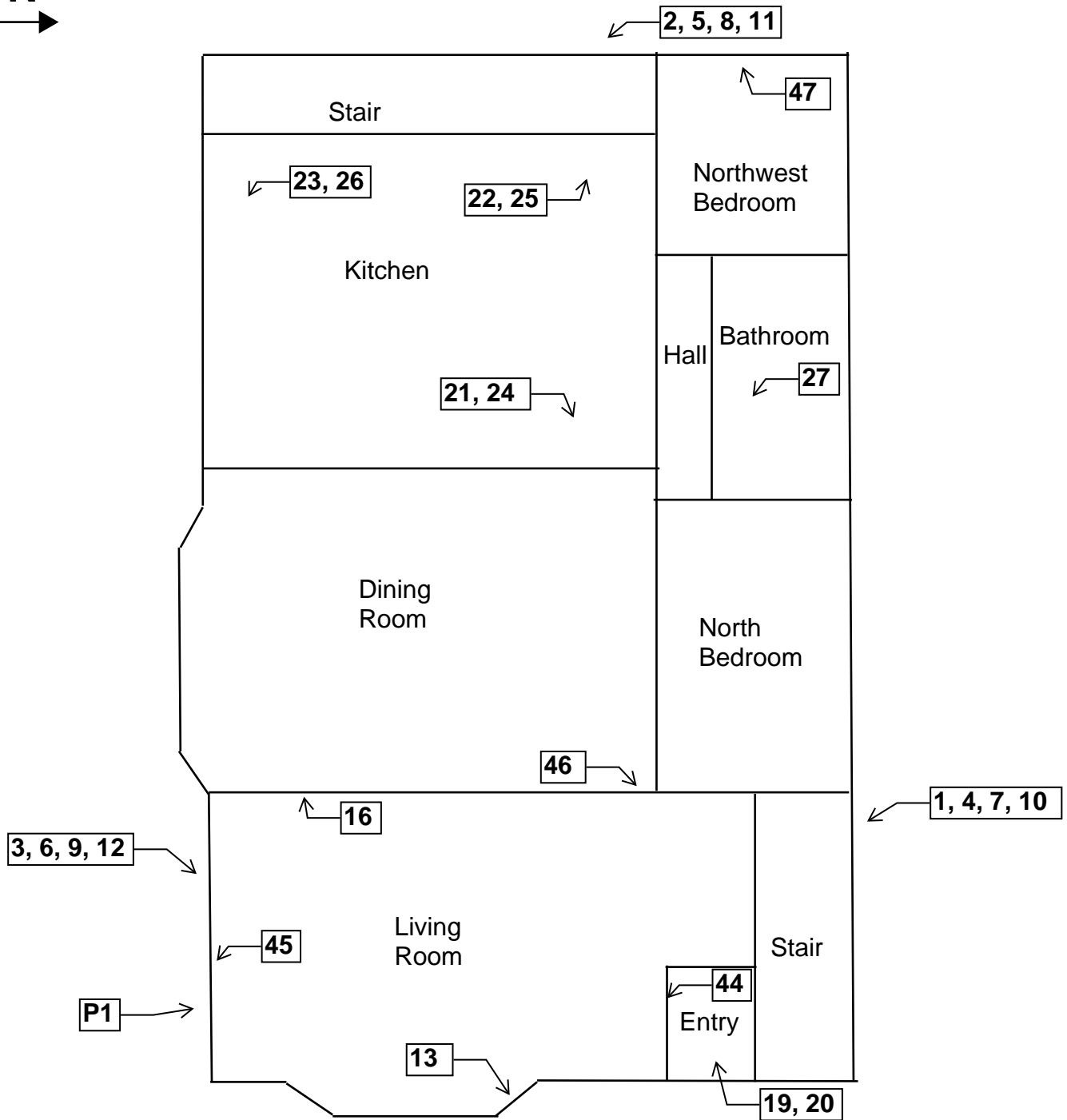
**Two Family Dwelling**  
**3101-03 North 20th Street**  
**Milwaukee, Wisconsin**

Basement Floor Plan



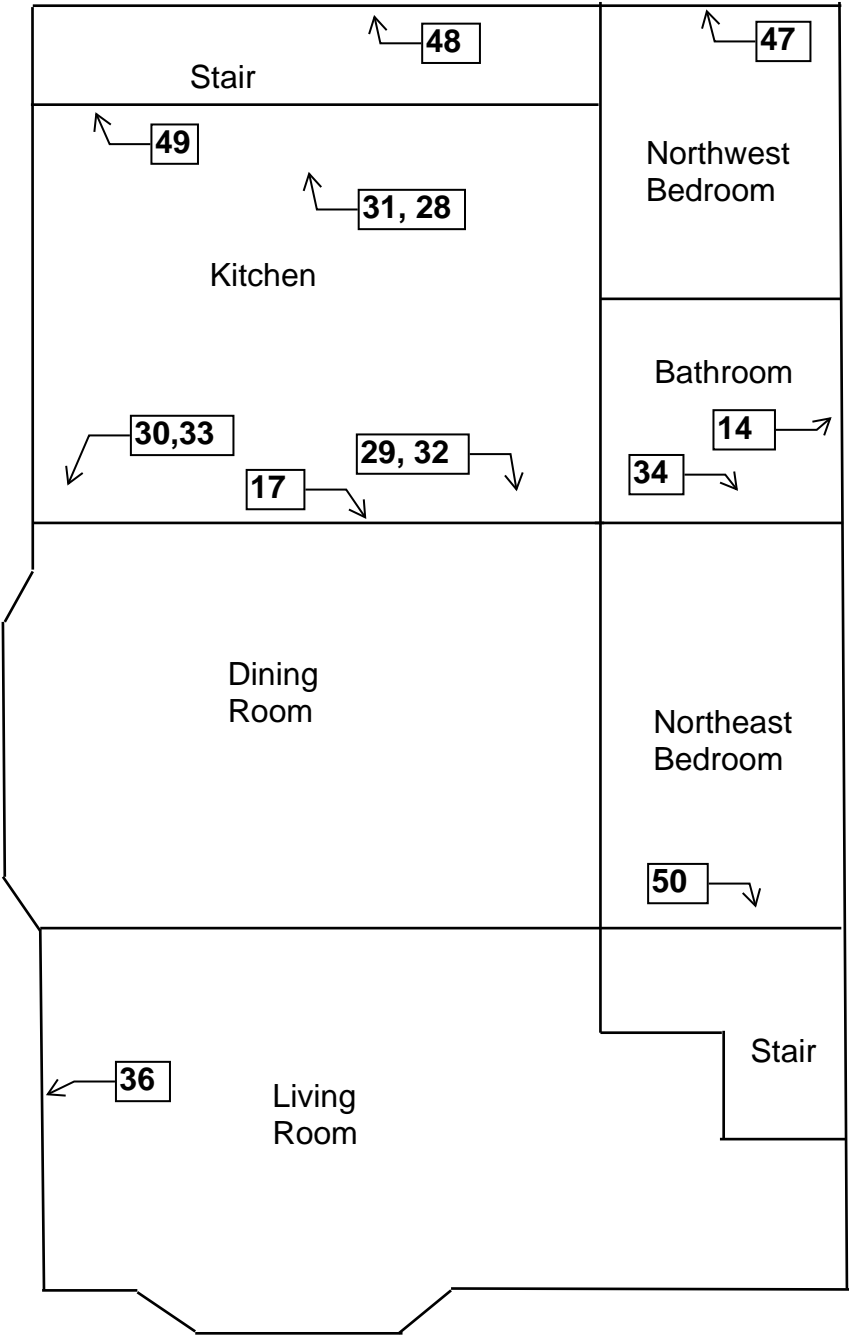
**Two Family Dwelling**  
**3101-03 North 20th Street**  
**Milwaukee, Wisconsin**

1st Floor Plan



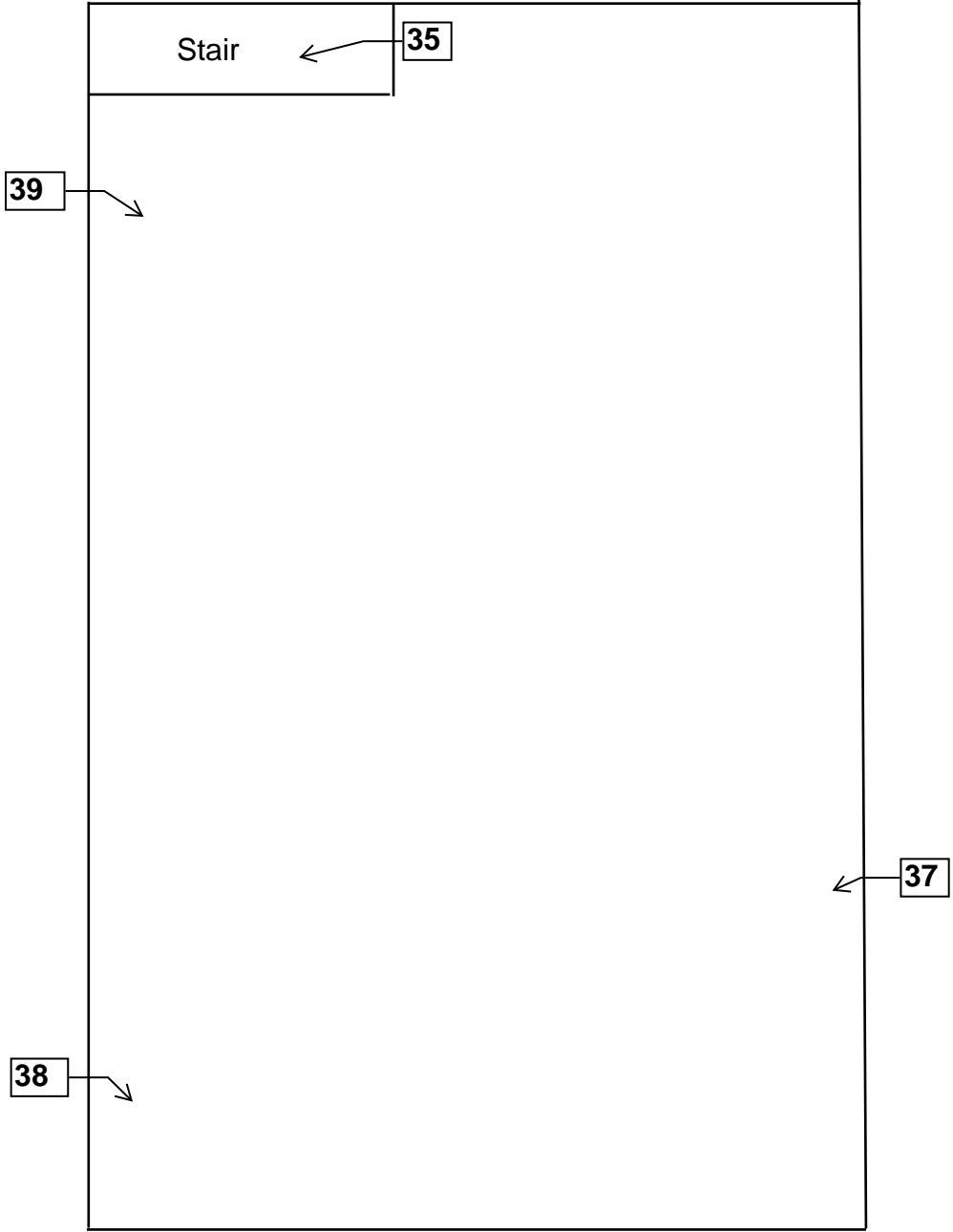
**Two Family Dwelling**  
**3101-03 North 20th Street**  
**Milwaukee, Wisconsin**

2nd Floor Plan



**Two Family Dwelling  
3101-03 North 20th Street  
Milwaukee, Wisconsin**

Attic/Roof Floor Plan



## **XII. HMG CERTIFICATION**



# Company Certificate

This certifies that

**HARENDA MANAGEMENT GROUP**

1237 W BRUCE ST  
MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

**Asbestos Company - Primary**

Certificate Issue Date: 06/23/2017  
Expiration Date: 08/31/2019, 12:01 a.m.  
Certification #: CAP-480540

Wisconsin Department of Health Services  
Division of Public Health  
Bureau of Environmental and Occupational Health  
Asbestos & Lead Section  
PO Box 2659  
Madison WI 53701-2659  
Phone: (608) 261-6876



*Shelley A Bruce*  
Shelley A Bruce,  
Unit Supervisor





Scott Walker  
Governor

Linda Seemeyer  
Secretary

August 27, 2018



State of Wisconsin  
Department of Health Services

DIVISION OF PUBLIC HEALTH

1 WEST WILSON STREET

P O BOX 2659  
MADISON WI 53701-2659

Telephone: 608 266-1251  
FAX: 608 267-2832  
TTY: 888-701-1253  
dhs.wisconsin.gov

JAZMIN K C SPEARS  
1237 W BRUCE ST  
MILWAUKEE WI 53204-1218

ID# AII-111055

**Congratulations!** Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

**Follow Wisconsin law by making sure that you:**

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing [DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov), by using our Lead and Asbestos Online Certification website, [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo), or by mailing a note to:

Lead and Asbestos Section  
1 W. Wilson St., Room 137  
P.O. Box 2659  
Madison WI 53701-2659

4. Take refresher training well before the "Training due by" date printed on your blue card.
  - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.  
Find asbestos training providers at [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
  - o Lead-certified individuals can refresh up to **1 year** before the due date.  
Find lead training providers at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead).
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead) or [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you assume professional responsibility. Contact us if you have any questions below and on the back of your blue card.

The Lead and Asbestos Certification Program  
(608) 261-6876  
[DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov)  
[www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos)  
[www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead)

**COPY**

	ASBESTOS INSPECTOR		
	Issued By		
	STATE OF WISCONSIN		
	Dept. of Health Services		
Jazmin K C Spears			
1237 W Bruce St			
Milwaukee WI 53204-1218			
		198 lbs	5' 08"
AII-111055	Exp: 08/10/2019	10/19/1974	
Training due by: 08/10/2019			



## **DECONSTRUCTION INSPECTION REPORT**

### **Job Site:**

**One Family Rear Dwelling  
3105 North 20<sup>th</sup> Street  
Milwaukee, Wisconsin**

### **For:**

City of Milwaukee  
Department of Neighborhood Services  
Attn: Marge Piwaron  
841 North Broadway 1<sup>st</sup> Floor  
Milwaukee, Wisconsin 53202-3613

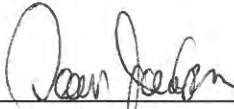
**HMG Report No.: 18-400-024.3105R  
Inspector: Dean Jacobsen  
Contract No.: 360-18-0975**

### **Prepared by:**

**HARENDA MANAGEMENT GROUP**  
1237 West Bruce Street  
Milwaukee, Wisconsin 53204  
(414) 383-4800

**August 2018**

**Signature Page**  
Deconstruction Inspection Report  
One Family Rear Dwelling  
3105 North 20<sup>th</sup> Street  
Milwaukee, Wisconsin



---

Dean Jacobson  
Asbestos Inspector No. AII – 14370  
Expiration Date: 12/2/18  
Harenda Management Group

August 20, 2018

City of Milwaukee  
Department of Neighborhood Services  
Attn: Marge Piwaron  
841 North Broadway 1<sup>st</sup> Floor  
Milwaukee, Wisconsin 53202-3613

RE: Deconstruction Inspection Report  
3105 North 20<sup>th</sup> Street Rear Dwelling  
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection of the rear dwelling at 3105 North 20<sup>th</sup> Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

**HARENDA MANAGEMENT GROUP**



Dean Jacobsen  
Asbestos Inspector No. AII - 14370

## **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection of the rear dwelling at 3105 North 20<sup>th</sup> Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in duct wrap and flue packing sampled during the inspection. Asbestos was assumed to be in the roof flashing. Results are in Section IV of this report.

Lead was detected in paint on the interior block basement walls and brick chimney. Results are in Section V of this report.

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## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the one family rear dwelling at 3105 North 20<sup>th</sup> Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has wood siding with asphalt roofing.

## II. ASEBSTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

**On July 6, 2018, HMG conducted an asbestos inspection and lead inspection of a one family rear dwelling, scheduled for deconstruction, located at 3105 North 20<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted and report written by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.
4. Sampling of suspect lead painted masonry surfaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Tar paper
- Asphalt rolled roofing
- Asphalt roof shingles
- Plaster
- Ceiling tile
- Glazing compound
- Texture
- Floor tile
- Linoleum
- Drywall/joint compound
- Paper insulation
- Flue packing
- Duct wrap



- Roof flashing
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

### III. ASEBSTOS LABORATORY

#### A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

### IV. ASEBSTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – east wall under wood siding – tar paper	Negative	MPT
2	Exterior – south wall under wood siding – tar paper	Negative	MPT
3	Exterior – west wall under wood siding – tar paper	Negative	MPT
4	Roof – north side lower part – top layer – tan asphalt rolled roofing	Negative	MRRt
5	Roof – north side lower part – 2 <sup>nd</sup> layer – tar paper #2	Negative	MPT2
6	Roof – north side lower part – 3 <sup>rd</sup> layer – red and brown asphalt shingle	Negative	MRSrn
7	Roof – southeast top layer – red and brown asphalt shingle	Negative	MRSrn
8	Roof – west top layer – red and brown asphalt shingle	Negative	MRSrn
9	Roof – north side lower part – 4 <sup>th</sup> layer – green asphalt shingle	Negative	MRSg
10	Roof – southeast 3 <sup>rd</sup> layer – green asphalt shingle	Negative	MRSg
11	Roof – west 3 <sup>rd</sup> layer – green asphalt shingle	Negative	MRSg
12	Roof – north side lower part – 5 <sup>th</sup> layer – red asphalt shingle	Negative	MRSr

Sample #	Location and Description	Results	Homogeneous Code
13	Roof – southeast 4 <sup>th</sup> layer – red asphalt shingle	Negative	MRSr
14	Roof – west 4 <sup>th</sup> layer – red asphalt shingle	Negative	MRSr
15	Roof – southeast 2 <sup>nd</sup> layer – red and tan asphalt shingle	Negative	MRSrt
16	Roof – west 2 <sup>nd</sup> layer – red and tan asphalt shingle	Negative	MRSrt
17	Roof – east 2 <sup>nd</sup> layer – red and tan asphalt shingle	Negative	MRSrt
18a	1 <sup>st</sup> floor – dining room – east wall – plaster skim coat	Negative	SPI
18b	1 <sup>st</sup> floor – dining room – east wall – plaster base coat	Negative	SPI
19a	1 <sup>st</sup> floor – living room – north wall – plaster skim coat	Negative	SPI
19b	1 <sup>st</sup> floor – living room – north wall – plaster base coat	Negative	SPI
20	1 <sup>st</sup> floor – bedroom – ceiling – plaster	Negative	SPI
21a	1 <sup>st</sup> floor – kitchen – south wall – plaster skim coat	Negative	SPI
21b	1 <sup>st</sup> floor – kitchen – south wall – plaster base coat	Negative	SPI
22	1 <sup>st</sup> floor – stair – south wall – plaster	Negative	SPI
23	1 <sup>st</sup> floor – dining room – 1' x 1' ceiling tile	Negative	MSCT11
24	1 <sup>st</sup> floor – dining room – on east window – glazing compound	Negative	MPG
25	2 <sup>nd</sup> floor – west bedroom – on west window – glazing compound	Negative	MPG
26	Basement – on south window – glazing compound	Negative	MPG
27	1 <sup>st</sup> floor – living room – south side on ceiling – texture	Negative	STX
28	1 <sup>st</sup> floor – living room – north side on ceiling – texture	Negative	STX
29	1 <sup>st</sup> floor – bedroom – on ceiling – texture	Negative	STX
30a	1 <sup>st</sup> floor – kitchen – east side top layer – 12" white and green floor tile	Negative	MF12wg
30b	1 <sup>st</sup> floor – kitchen – east side top layer – under 12" white and green floor tile – tan mastic	Negative	MF12wg
30c	1 <sup>st</sup> floor – kitchen – east side bottom layer – 12" cream floor tile	Negative	MF12c
30d	1 <sup>st</sup> floor – kitchen – east side bottom layer – under 12" cream floor tile – yellow mastic	Negative	MF12c
31a	1 <sup>st</sup> floor – kitchen – west side top layer – 12" white and green floor tile	Negative	MF12wg
31b	1 <sup>st</sup> floor – kitchen – west side bottom layer – 12" cream floor tile	Negative	MF12c
32a	1 <sup>st</sup> floor – kitchen – north side top layer – 12" white and green floor tile	Negative	MF12wg
32b	1 <sup>st</sup> floor – kitchen – north side top layer – under 12" white and green floor tile – tan mastic	Negative	MF12wg
32c	1 <sup>st</sup> floor – kitchen – north side bottom layer – 12" cream floor tile	Negative	MF12c
32d	1 <sup>st</sup> floor – kitchen – north side bottom layer – under 12" cream floor tile – yellow mastic	Negative	MF12c
33	1 <sup>st</sup> floor – kitchen – on west wall under wood panel – beige mastic	Negative	MPMe
34a	1 <sup>st</sup> floor – bathroom – gray and beige linoleum	Negative	MFLye
34b	1 <sup>st</sup> floor – bathroom – under gray and beige linoleum – yellow mastic	Negative	MFLye
35	1 <sup>st</sup> floor – bathroom – on east wall under plastic panel – tan mastic	Negative	MPMt
36a	1 <sup>st</sup> floor – pantry on counter – cream and gray linoleum	Negative	MFLcy
36b	1 <sup>st</sup> floor – pantry on counter – under cream and gray linoleum – yellow mastic	Negative	MFLcy
37a	1 <sup>st</sup> floor – kitchen – patch on ceiling – joint compound	Negative	MDW

Sample #	Location and Description	Results	Homogeneous Code
37b	1 <sup>st</sup> floor – kitchen – patch on ceiling – drywall	Negative	MDW
38	2 <sup>nd</sup> floor – west bedroom – at door under carpet – yellow mastic	Negative	MCMI
39a	2 <sup>nd</sup> floor – hall – west wall – joint compound #2	Negative	MDW2
39b	2 <sup>nd</sup> floor – hall – west wall – drywall #2	Negative	MDW2
40a	2 <sup>nd</sup> floor – west bedroom – ceiling – joint compound #2	Negative	MDW2
40b	2 <sup>nd</sup> floor – west bedroom – ceiling – drywall #2	Negative	MDW2
41a	2 <sup>nd</sup> floor – east bedroom – south wall – joint compound #2	Negative	MDW2
41b	2 <sup>nd</sup> floor – east bedroom – south wall – drywall #2	Negative	MDW2
42	Basement – on boot near chimney – duct wrap	Positive 60% Chrysotile	TDW
43	Basement – on west side of chimney – gray flue packing	Positive 3% Chrysotile	TFPy
44	Basement – on east side of chimney – white flue packing	Positive 3% Chrysotile	TFPw

Three (3) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Duct Wrap	TDW	Basement on Center Boots	2 SF	Poor
Gray Flue Packing	TFPy	Basement on West Side of Chimney	2 SF	Poor
White Flue Packing	TFPw	Basement on East Side of Chimney	1 SF	Poor

#### Assumed Asbestos Containing Materials

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Roof Flashing	MRF	Roof at Chimney	3 SF	Fair

This material was not accessible at the time of the inspection.

**Note #1:** The ACMs listed above are friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that these materials be abated prior to deconstruction.

**Note#2:** If additional materials are discovered during deconstruction that are not listed above they are to be assumed to be asbestos containing.

**Note#3:** A copy of this report should be transmitted to the deconstruction contractor.

**Note#4:** Additional duct wrap may be within walls and ceilings.

### Homogeneous Material Codes

SPl	Plaster
STX	Texture
MPT	Tar Paper Walls
MPT2	Tar Paper Roof
MRRt	Tan Asphalt Rolled Roofing
MRSrn	Red & Brown Asphalt Shingle
MRSg	Green Asphalt Shingle
MRSr	Red Asphalt Shingle
MRSrt	Red & Tan Asphalt Shingle
MSCT11	1' x 1' Ceiling Tile
MPG	Glazing Compound
MF12wg	12" White & Green Floor Tile
MF12c	12" Cream Floor Tile
MPMe	Beige Wall Panel Mastic
MPMt	Tan Wall Panel Mastic
MFLye	Gray & Beige Linoleum
MFLcy	Cream & Gray Linoleum
MCLKw	White Caulk
MCLKw2	White Caulk #2
MDW	Drywall/Joint Compound 1 <sup>st</sup> Floor
MDW2	Drywall/Joint Compound 2 <sup>nd</sup> Floor
MCMI	Yellow Carpet Mastic
TFPy	Gray Flue Packing
TFPw	White Flue Packing
TDW	Duct Wrap

## V. LEAD PAINT INSPECTION

### A. Methods

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling in the rear dwelling at 3105 North 20<sup>th</sup> Street, Milwaukee, Wisconsin, took place on July 6, 2018. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

## B. Component Testing Results

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section X.

### Interior: 3105 North 20<sup>th</sup> Street Rear Dwelling, Milwaukee, Wisconsin

- Painted masonry was observed on the interior basement block walls and brick chimney. Lead based paint was not detected.

### Exterior: 3105 North 20<sup>th</sup> Street Rear Dwelling, Milwaukee, Wisconsin

- Painted masonry was not observed on the exterior.

The following are the laboratory results.

### Site: 3105 North 20<sup>th</sup> Street Rear Dwelling, Milwaukee, Wisconsin Date: 7/6/18

Paint Testing Results					
Sample	Room	Component	Substrate	Color	Result (% Lead)
P1	Basement	Southwest Wall	Block	White	0.00614
P2	Basement	Chimney	Brick	White	0.359

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <https://www.osha.gov/SLTC/lead/index.html> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

## VI. EXCLUSIONS

**Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.**

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

## **VII. LIMITATIONS**

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Quantem Laboratories for our asbestos and paint testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

*This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.*

## **VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST**

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

## **ASBESTOS**

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. **Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.**

## **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central)
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>N/A</u>	Refrigerators, Freezers, Chillers
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

## **LEAD**

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.



## **MERCURY**

Products that may contain mercury:

### **LIGHTING**

<u>N/A</u>	Fluorescent Lights
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

### **HVAC**

Check thermostats and any control associated with air handling units for switches containing mercury.

### **HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS**

<u>1</u>	Old Thermostats – Dining Room
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

### **BOILERS, FURNACES, HEATERS AND TANKS**

<u>N/A</u>	Mercury Flame Sensors by pilot lights
<u>N/A</u>	Manometers, Thermometers, Gauges
<u>N/A</u>	Pressure-trol
<u>N/A</u>	Float or Level Controls
<u>N/A</u>	Space Heaters

## **ELECTRICAL SYSTEMS – 1 Electric Meter in Basement**

<u>N/A</u>	Load Meters and Supply Relays
<u>N/A</u>	Phase Splitters
<u>N/A</u>	Microwave Relays
<u>N/A</u>	Mercury Displacement Relays

### **PCBs**

For electrical devices manufactured prior to 1987, it is safe to assume that they contain PCBs and should be managed accordingly. Most equipment manufactured after this time will say "PCB Free". The following is a list of areas in a building where PCBs may be found:

<u>N/A</u>	Transformers
<u>N/A</u>	Capacitors (appliances, electronic equipment)
<u>N/A</u>	Heat Transfer Equipment
<u>N/A</u>	Ballasts
<u>N/A</u>	Specialty Paints (such as for swimming pools or other industrial applications)
<u>N/A</u>	Sumps or Oil Traps (in maintenance and industrial facilities)

## **OTHER ENVIRONMENTAL ISSUES**

<u>N/A</u>	Hazardous Waste
<u>1</u>	Oil Tanks – Basement
<u>N/A</u>	Well Abandonment
<u>N/A</u>	Junk Auto Tires
<u>N/A</u>	Junk Vehicles

## **IX. ASBESTOS LABORATORY RESULTS**



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

## Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No.	296459	Client:	Harenda Management Group
Account Number:	B929		Dean Jacobsen
Date Received:	07/09/2018		1237 West Bruce St.
Received By:	Katie Davis		Milwaukee, WI 53204
Date Analyzed:	07/16/2018	Project:	DNS
Analyzed By:	Cassie Sanborn	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3105R

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
002	2	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
003	3	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
004	4	Homogeneous	Gray Roofing	Asbestos Not Present	Glass Fiber 25	Tar Sand
005	5	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
006	6	Homogeneous	Brown Roofing	Asbestos Not Present	Glass Fiber 25	Tar Sand
007	7	Homogeneous	Red Roofing	Asbestos Not Present	Cellulose 30	Tar Sand

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Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3105R

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	8	Homogeneous	Green Roofing	Asbestos Not Present	Cellulose 30	Tar Sand
009	9	Homogeneous	Green Roofing	Asbestos Not Present	Cellulose 30	Tar Sand
010	10	Homogeneous	Green Roofing	Asbestos Not Present	Cellulose 30	Tar Sand
011	11	Homogeneous	Green Roofing	Asbestos Not Present	Cellulose 30	Tar Sand
012	12	Homogeneous	Brown Roofing	Asbestos Not Present	Cellulose 30	Tar Sand
013	13	Homogeneous	Brown Roofing	Asbestos Not Present	Cellulose 30	Tar Sand

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Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3105R

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014	14	Homogeneous	Brown Roofing	Asbestos Not Present	Cellulose 30	Tar Sand
015	15	Homogeneous	Brown Roofing	Asbestos Not Present	Cellulose 30	Tar Sand
016	16	Homogeneous	Red Roofing	Asbestos Not Present	Cellulose 30	Tar Sand
017	17	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
018	18	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
018a		Layered	Gray Plaster	Asbestos Not Present	Cellulose Hair <1 3	CaCO3 Gypsum Sand
019	19	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand

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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
019a		Layered	Gray Plaster	Asbestos Not Present	Cellulose Hair <1 3	CaCO3 Gypsum Sand
020	20	Homogeneous	Gray Plaster	Asbestos Not Present	Cellulose Hair <1 <1	CaCO3 Gypsum Sand
021	21	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
021a		Layered	Gray Plaster	Asbestos Not Present	Cellulose Hair <1 2	CaCO3 Gypsum Sand
022	22	Homogeneous	Gray Plaster	Asbestos Not Present	Cellulose Hair <1 2	CaCO3 Gypsum Sand
023	23	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 80	Perlite Paint

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Analyzed By:	Cassie Sanborn	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3105R

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
024	24	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3
025	25	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3
026	26	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3
027	27	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
028	28	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
029	29	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint

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Analyzed By:	Cassie Sanborn	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3105R

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
030	30	Layered	Green Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
030a		Layered	Tan Mastic	Asbestos Not Present	NA	CaCO3 Glue
030b		Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 10	CaCO3 Vinyl
030c		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
031	31	Layered	Green Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
031a		Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 10	CaCO3 Vinyl
032	32	Layered	Green Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl

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Analyzed By:	Cassie Sanborn	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3105R

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
032a		Layered	Tan Mastic	Asbestos Not Present	NA	CaCO3 Glue
032b		Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 10	CaCO3 Vinyl
032c		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
033	33	Homogeneous	Brown Mastic	Asbestos Not Present	NA	CaCO3 Glue Paint
034	34	Layered	Beige Sheet Vinyl	Asbestos Not Present	Cellulose 10 Glass Fiber 5	CaCO3 Vinyl
034a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

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Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3105R

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
035	35	Layered	Yellow Mastic	Asbestos Not Present	NA	CaCO3 Glue
036	36	Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose Glass Fiber	10 5 CaCO3 Vinyl
036a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
037	37	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
037a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	15 Gypsum
038	38	Homogeneous	Yellow Mastic	Asbestos Not Present	NA	Glue
039	39	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3

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Analyzed By:	Cassie Sanborn	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3105R

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
039a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum
040	40	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
040a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum
041	41	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
041a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum
042	42	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder

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Account Number: B929 Dean Jacobsen  
Date Received: 07/09/2018 1237 West Bruce St.  
Received By: Katie Davis Milwaukee, WI 53204  
Date Analyzed: 07/16/2018 Project: DNS  
Analyzed By: Cassie Sanborn Project Location: Milwaukee, WI  
Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3105R

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
043	43	Homogeneous	Gray Surfacing	Asbestos Present Chrysotile 3	NA	CaCO3 Sand Binder
044	44	Homogeneous	Gray Surfacing	Asbestos Present Chrysotile 3	NA	CaCO3 Sand Binder

*Cassie Sanborn*

Cassie Sanborn, Analyst

7/16/2018

Date of Report

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# ASBESTOS CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502  
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

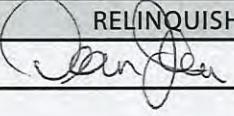
Page 1 of 3

## LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No.	290459
Accept	Reject

Contact Information		Project Information	
Company: Harenda Management Group	Phone: (414) 383-4800	Project Name: DNS	
Contact: Dean Jacobsen	Cell Phone:	Project Location: Milwaukee, WI	
Account #: B929	E-mail: djacobsen@harenda.com	Project ID: 18-400-024.3105R	
SAMPLED BY:	Name:	Date:	P.O. Number:

Report Results (☑ one box)	
<input checked="" type="checkbox"/>	Quantem Website
<input type="checkbox"/>	Other email

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
	7/6/18 1200	FedEx		

### REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

PLM	PLM	TEM	TEM	TURNAROUND TIME
<input checked="" type="checkbox"/> Bulk Analysis (EPA 600/R-93/116)	<input type="checkbox"/> Vermiculite Attic Insulation (EPA 600/R-04/004)	<input type="checkbox"/> Air- AHERA	<input type="checkbox"/> Bulk- Presence / Absence EPA600/R-93/116	<input type="checkbox"/> Rush
<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Other	<input type="checkbox"/> Air- NIOSH 7402	<input type="checkbox"/> Bulk- Quantitative [weight%]- Chatfield	<input type="checkbox"/> Same Day
<input type="checkbox"/> 1000 Point Count		<input type="checkbox"/> Air- ISO 10312	<input type="checkbox"/> Dust- Presence / Absence	<input type="checkbox"/> 24 - Hour
<input type="checkbox"/> Gravimetric Preparation	<b>PCM</b>	<input type="checkbox"/> Drinking Water- EPA 100.2	<input type="checkbox"/> Dust- Quantitative [fibers/sq.cm]- ASTM D5755	<input type="checkbox"/> 3 - Day
<input type="checkbox"/> Particle ID	<input type="checkbox"/> NIOSH 7400	<input type="checkbox"/> Waste Water- EPA 600/4-83-043	<input type="checkbox"/> Other	<input checked="" type="checkbox"/> 5 - Day

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
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2	2	<input type="checkbox"/>				
3	3	<input type="checkbox"/>				
4	4	<input type="checkbox"/>				
5	5	<input type="checkbox"/>				
6	6	<input type="checkbox"/>				
7	7	<input type="checkbox"/>				
8	8	<input type="checkbox"/>				
9	9	<input type="checkbox"/>				
10	10	<input checked="" type="checkbox"/>				

# ASBESTOS CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502  
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

**LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

Page 2 of 3

For Lab Use Only	
Lab No. <u>290459</u>	
<input checked="" type="radio"/> Accept	<input type="radio"/> Reject

Project Information						
Company: Harenda Management Group			Project Name: DNS		Project Location: Milwaukee, WI	
No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11	<input checked="" type="checkbox"/>				
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14	14	<input type="checkbox"/>				
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28	28	<input type="checkbox"/>				
29	29	<input type="checkbox"/>				
30	30	<input checked="" type="checkbox"/>				



# ASBESTOS CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502  
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

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Page 3 of 3

For Lab Use Only

Lab No. 290459

Accept

Reject

## Project Information

Company: **Harenda Management Group**

Project Name: **DNS**

Project Location: **Milwaukee, WI**

No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
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32	32	<input type="checkbox"/>				
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38	38	<input type="checkbox"/>				
39	39	<input type="checkbox"/>				
40	40	<input type="checkbox"/>				
41	41	<input type="checkbox"/>				
42	42	<input type="checkbox"/>				
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44	44	<input checked="" type="checkbox"/>				
45		<input type="checkbox"/>				
46		<input type="checkbox"/>				
47		<input type="checkbox"/>				
48		<input type="checkbox"/>				
49		<input type="checkbox"/>				
50		<input type="checkbox"/>				



## **X. LEAD LABORATORY RESULTS**



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

## Environmental Chemistry Analysis Report

**QuanTEM Set ID:** 296421  
**Date Received:** 07/09/18  
**Received By:** Travis Miller  
**Date Sampled:**  
**Time Sampled:**  
**Analyst:** RD  
**Date of Report:** 07/16/18

**Client:** Harenda Management Group  
Dean Jacobsen  
1237 West Bruce St.  
Milwaukee, WI 53204  
**Acct. No.:** B929  
**Project:** DNS  
**Location:** Milwaukee, WI  
**Project No.:** 18-400-024.3105R

AIHA ID: 101352

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P1	Paint	Lead	0.00614	0.00498	%	07/13/18 16:09	P EPA 7000B (1)
002	P2	Paint	Lead	0.359	0.00496	%	07/16/18 11:13	P EPA 7000B (1)

Authorized Signature: \_\_\_\_\_

Cherry Rossen, Technical Manager

Note: Sample results have not been corrected for blank values.

This report applies only to the standards or procedures indicated and to the specific samples tested. It is not indicative of the qualities of apparently identical or similar products or procedures, nor does it represent an ongoing assurance program unless so noted. These reports are for the exclusive use of the client and are not to be reproduced without specific written permission. QuanTEM is not responsible for user-supplied data used in calculations.

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Wipe materials must meet ASTM E1792 criteria. Method detection limits and resultant reporting limits may not be valid for non-ASTM E1792 wipe material.

EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified

EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified



www.QuanTEM.com

## LEAD CHAIN OF CUSTODY

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(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

Page 1 of 1

### LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. <u>896421</u>	
<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Reject
Report Results ( <input checked="" type="checkbox"/> one box)	
<input checked="" type="checkbox"/> <b>Quantem Website</b>	
Other <u>email</u>	

Contact Information		Project Information	
Company: <b>Harenda Management Group</b>	Phone: <b>(414) 383-4800</b>	Project Name: <b>DNS</b>	
Contact: <b>Dean Jacobsen</b>	Cell Phone:	Project Location: <b>Milwaukee, WI</b>	
Account #: <b>B929</b>	E-mail: <b>djacobsen@harenda.com</b>	Project ID: <b>18-400-024.3105R</b>	

Sampled By:	Name:	Date:
-------------	-------	-------

RECEIVED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
	7/6/18 1200	FedEx	Jim 18-7-9 9:20	

### REQUESTED SERVICES (Please ☒ the Appropriate Boxes)

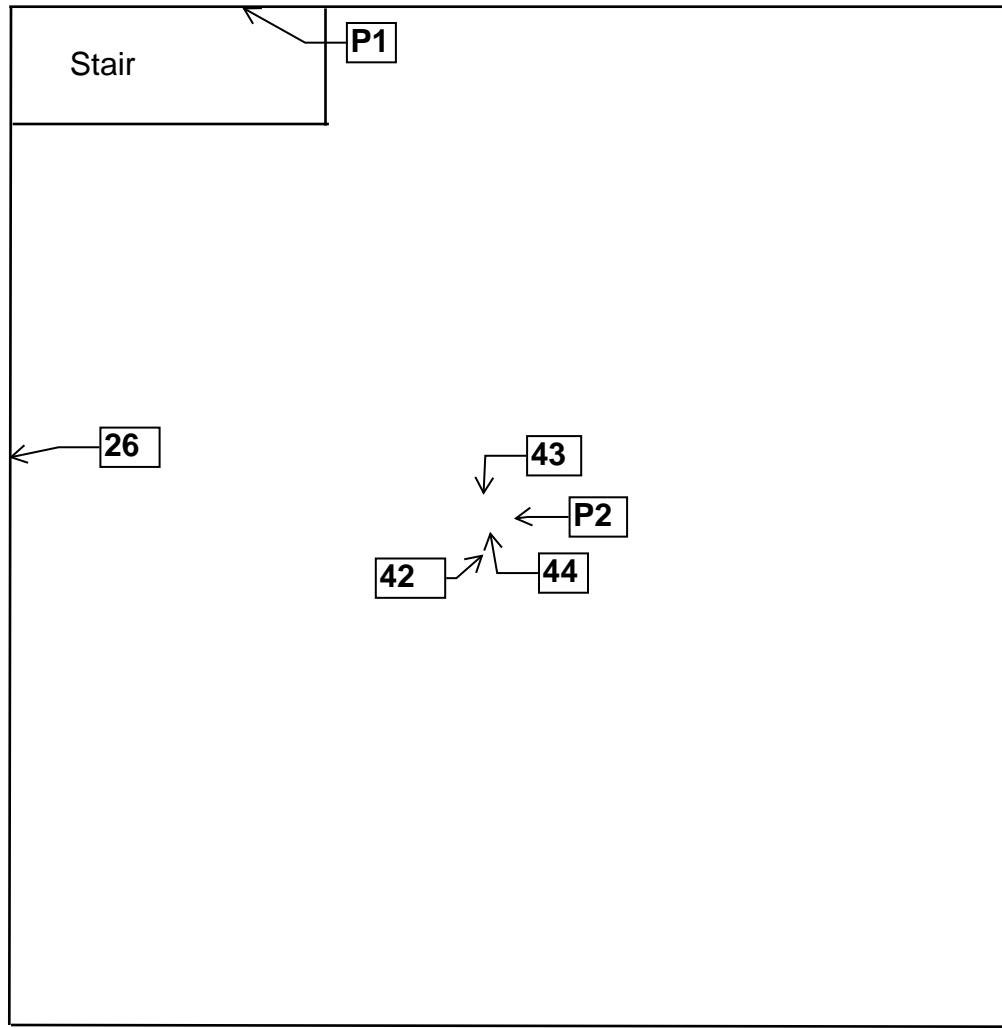
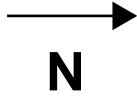
No.	Sample ID (10 Characters Max)	Sample Description	Volume (Liters)	Volume Area (Length x Width)	Sample Matrix (see matrix code box)	Analysis			Units ( <input checked="" type="checkbox"/> ONE box only)						Sample Matrix Codes			
						Pb			PPM	Wt %	mg / l	µg / ft <sup>2</sup>	µg / m <sup>3</sup>	mg / cm <sup>2</sup>	A	Soil		
1	P1				B	X				X							D	Bulk Miscellaneous
2	P2																E	Air Cassette
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		

TURNAROUND TIME	
<input type="checkbox"/>	Same Day
<input type="checkbox"/>	24 - Hour
<input type="checkbox"/>	3 - Day
<input checked="" type="checkbox"/>	5 - Day

## **XI. FLOOR PLANS**

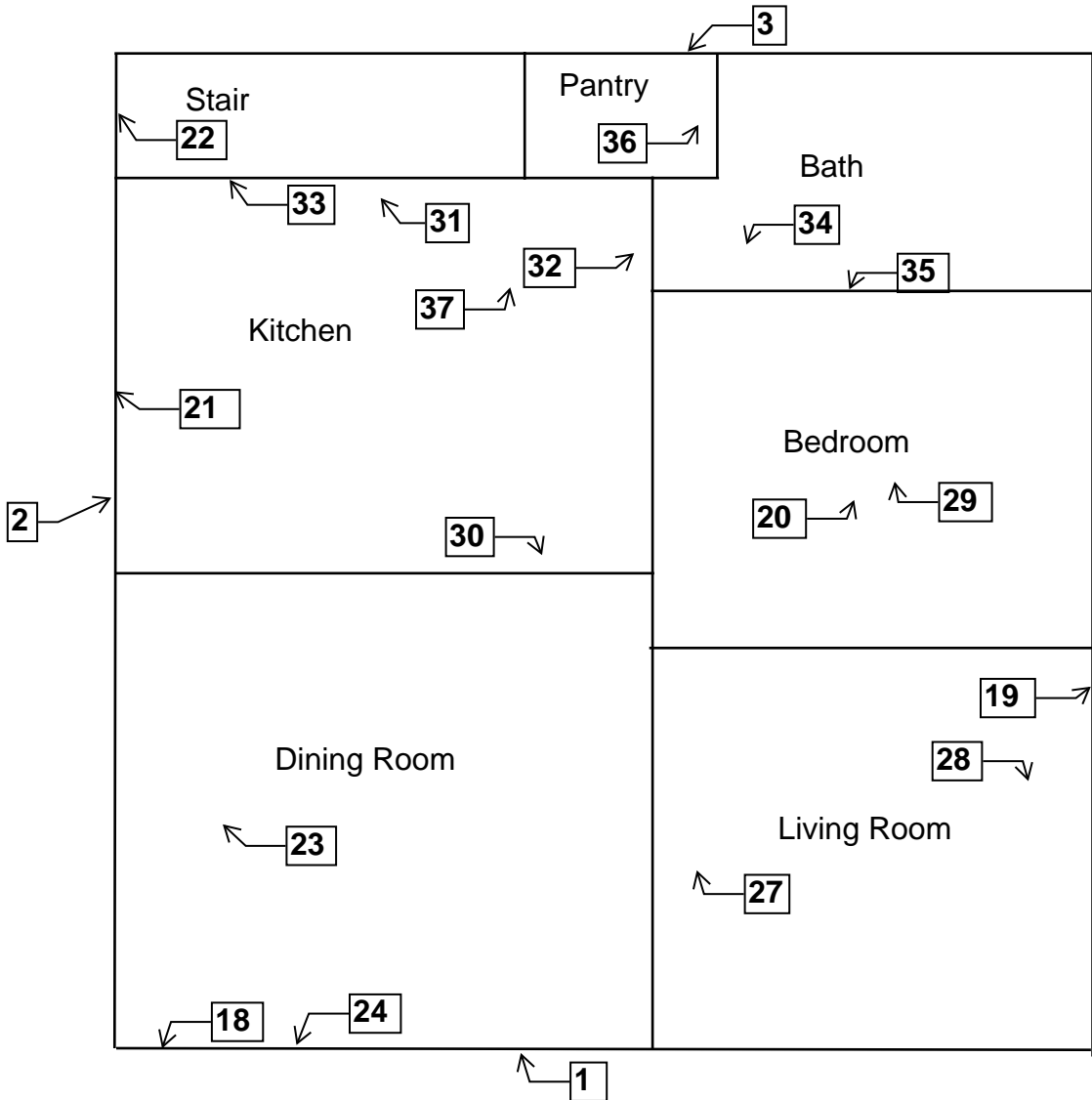
**One Family Rear Dwelling  
3105 North 20th Street  
Milwaukee, Wisconsin**

Basement Floor Plan



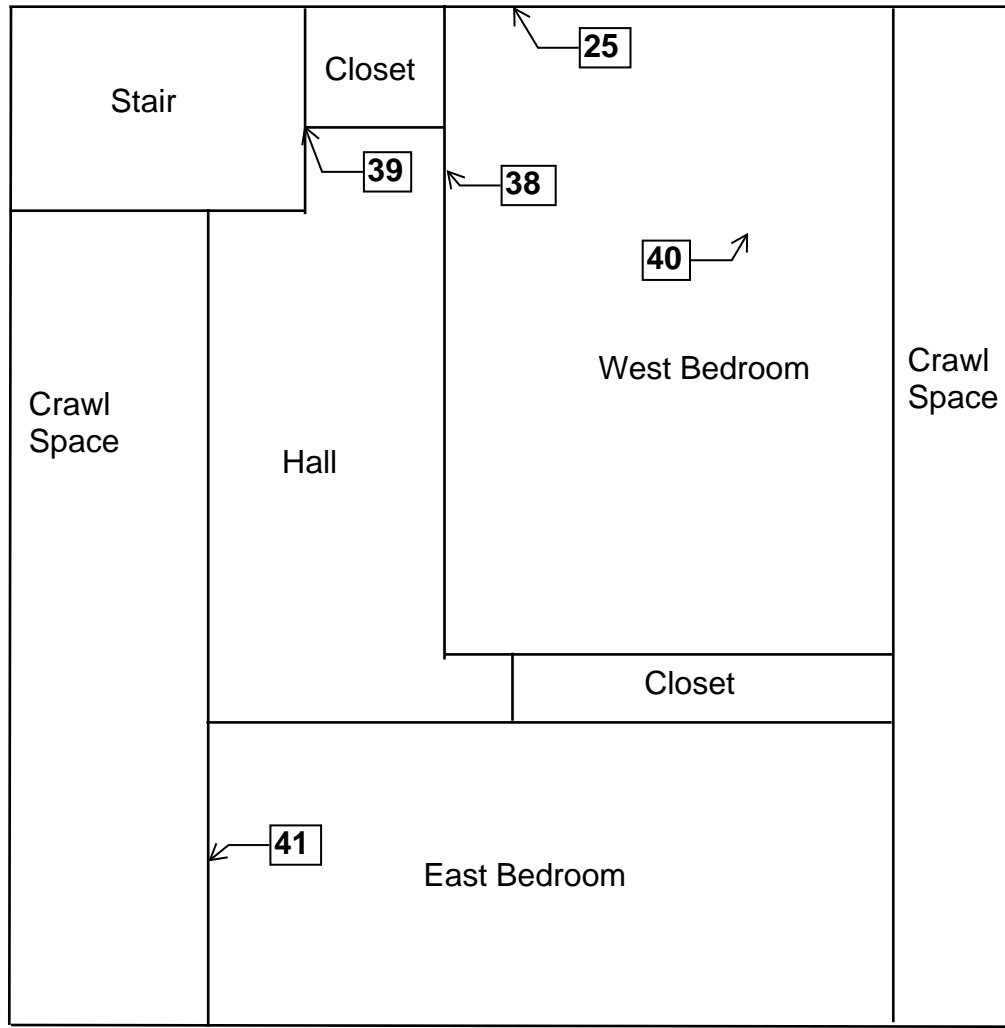
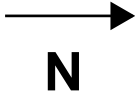
**One Family Rear Dwelling**  
**3105 North 20th Street**  
**Milwaukee, Wisconsin**

1st Floor Plan



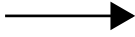
**One Family Rear Dwelling**  
**3105 North 20th Street**  
**Milwaukee, Wisconsin**

2nd Floor Plan



**One Family Rear Dwelling**  
**3105 North 20th Street**  
**Milwaukee, Wisconsin**

Roof Floor Plan



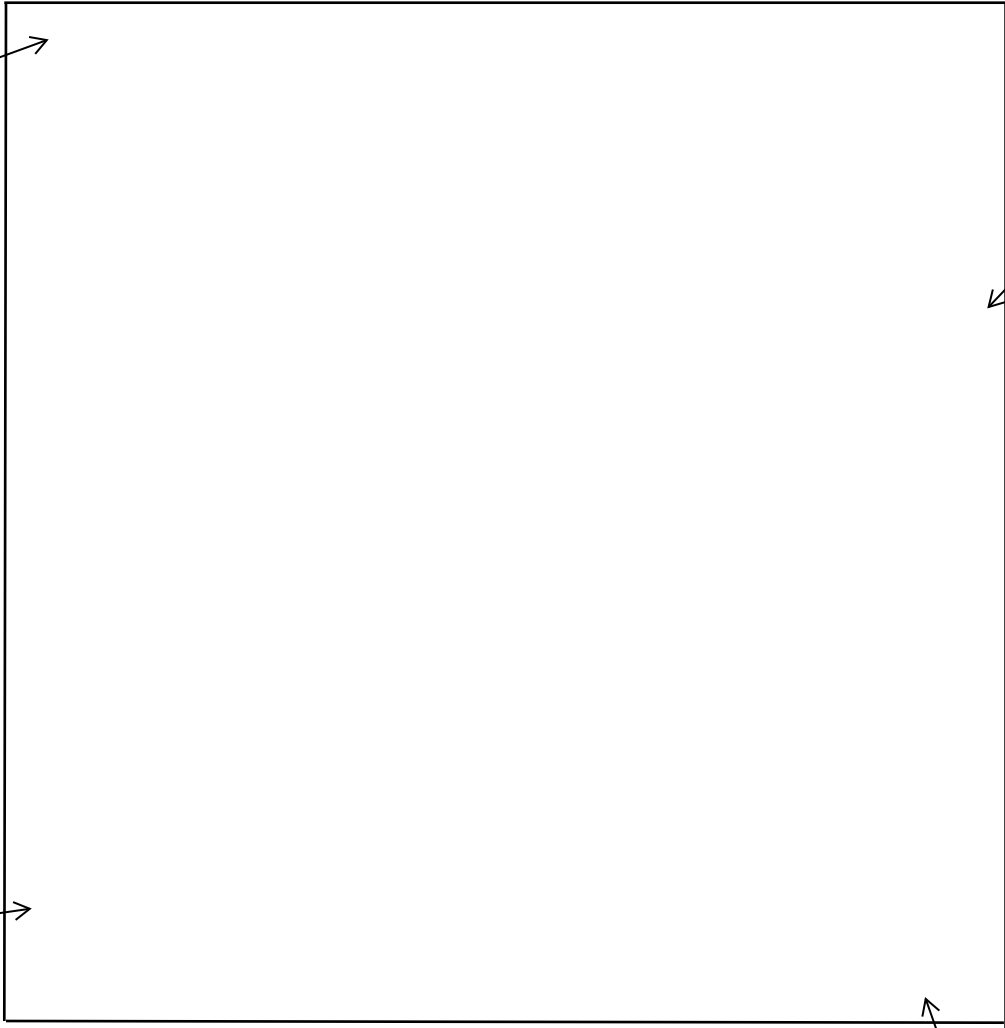
**N**

**8, 11, 14, 16**

**7, 10, 13, 15**

**4, 5, 6, 9, 12**

**17**





## **XII. HMG CERTIFICATION**



# Company Certificate

This certifies that

**HARENDA MANAGEMENT GROUP**

1237 W BRUCE ST  
MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

**Asbestos Company - Primary**

Certificate Issue Date: 06/23/2017  
Expiration Date: 08/31/2019, 12:01 a.m.  
Certification #: CAP-480540

Wisconsin Department of Health Services  
Division of Public Health  
Bureau of Environmental and Occupational Health  
Asbestos & Lead Section  
PO Box 2659  
Madison WI 53701-2659  
Phone: (608) 261-6876



*Shelley A Bruce*  
Shelley A Bruce,  
Unit Supervisor





Scott Walker  
Governor

Linda Seemeyer  
Secretary

December 15, 2017



State of Wisconsin  
Department of Health Services

DIVISION OF PUBLIC HEALTH

1 WEST WILSON STREET

P O BOX 2659  
MADISON WI 53701-2659

Telephone: 608 266-1251  
FAX: 608 267-2832  
TTY: 888-701-1253  
dhs.wisconsin.gov

DEAN T JACOBSEN  
W131S6781 KIPLING DR  
MUSKEGO WI 53150-3401

ID# AII-14370

**Congratulations!** Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

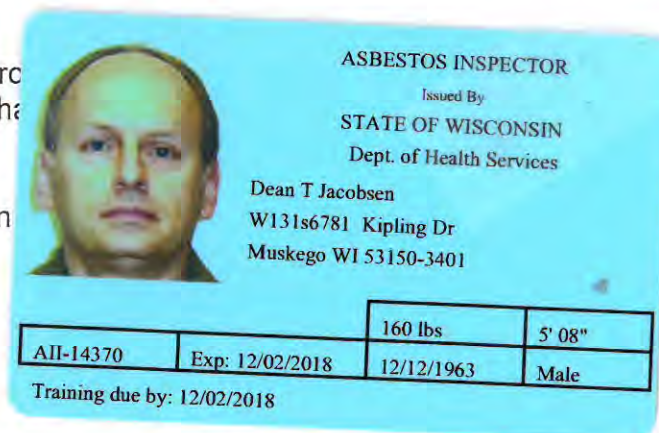
**Follow Wisconsin law by making sure that you:**

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing [DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov), by using our Lead and Asbestos Online Certification website, [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo), or by mailing a note to:  
  
Lead and Asbestos Section  
1 W. Wilson St., Room 137  
P.O. Box 2659  
Madison WI 53701-2659
4. Take refresher training well before the "Training due by" date printed on your blue card.
  - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.  
Find asbestos training providers at [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
  - o Lead-certified individuals can refresh up to **1 year** before the due date.  
Find lead training providers at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead).
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead) or [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you protect your professional responsibility. Contact us if you have questions below and on the back of your blue card.

The Lead and Asbestos Certification Program  
(608) 261-6876  
[DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov)  
[www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos)  
[www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead)

**COPY**





## **DECONSTRUCTION INSPECTION REPORT**

### **Job Site:**

**Two Family Dwelling  
3245 North 25<sup>th</sup> Street  
Milwaukee, Wisconsin**

### **For:**

City of Milwaukee  
Department of Neighborhood Services  
Attn: Marge Piwaron  
841 North Broadway 1<sup>st</sup> Floor  
Milwaukee, Wisconsin 53202-3613

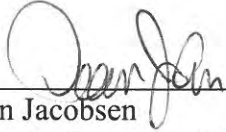
**HMG Report No.: 18-400-024.3245  
Inspector: Dean Jacobsen  
Contract No.: 360-18-0975**

### **Prepared by:**

**HARENDA MANAGEMENT GROUP**  
1237 West Bruce Street  
Milwaukee, Wisconsin 53204  
(414) 383-4800

**August 2018**

**Signature Page**  
Deconstruction Inspection Report  
Two Family Dwelling  
3245 North 25<sup>th</sup> Street  
Milwaukee, Wisconsin



Dean Jacobsen  
Asbestos Inspector No. AII – 14370  
Expiration Date: 12/2/18  
Harenda Management Group

August 22, 2018

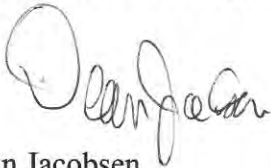
City of Milwaukee  
Department of Neighborhood Services  
Attn: Marge Piwaron  
841 North Broadway 1<sup>st</sup> Floor  
Milwaukee, Wisconsin 53202-3613

RE: Deconstruction Inspection Report  
2737-39 North 17<sup>th</sup> Street  
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 3245 North 25<sup>th</sup> Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

**HARENDA MANAGEMENT GROUP**



Dean Jacobsen  
Asbestos Inspector No. AII – 14370

## **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 3245 North 25<sup>th</sup> Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in exterior caulk and duct wrap sampled during the inspection. Asbestos was assumed to be in the roof flashing. Results are in Section IV of this report.

Lead was detected in paint on the exterior brick basement walls and columns, and interior basement brick walls and chimney. Results are in Section V of this report.

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## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling at 3245 North 25<sup>th</sup> Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has asphalt, fiberboard, and wood siding with asphalt roofing.

## II. ASEBSTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

**On August 20, 2018, HMG conducted an asbestos inspection and lead inspection of a two family dwelling, scheduled for deconstruction, located at 3245 North 25<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted and report written by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.
4. Sampling of suspect lead painted masonry surfaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Asphalt shingle siding
- Fiberboard
- Tar paper
- Blown in insulation
- Caulk
- Stucco
- Floor tile
- Plaster
- Texture
- Drywall/joint compound
- Duct wrap
- Paper insulation
- Window glazing compound

- Linoleum
- Asphalt rolled roofing
- Asphalt roof shingles
- Flue packing
- Roof flashing
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

### III. ASEBSTOS LABORATORY

#### A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

### IV. ASEBSTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – east wall – brown asphalt shingle siding	Negative	MSSn
2	Exterior – south wall – brown asphalt shingle siding	Negative	MSSn
3	Exterior – north wall – brown asphalt shingle siding	Negative	MSSn
4	Exterior – east wall – under brown asphalt shingle siding – tan asphalt shingle siding	Negative	MSSSt
5	Exterior – south wall – under brown asphalt shingle siding – tan asphalt shingle siding	Negative	MSSSt
6	Exterior – north wall – under brown asphalt shingle siding – tan asphalt shingle siding	Negative	MSSSt
7	Exterior – east wall – under tan asphalt shingle siding – tan fiberboard	Negative	MFBt

Sample #	Location and Description	Results	Homogeneous Code
8	Exterior – south wall – under tan asphalt shingle siding – tan fiberboard	Negative	MFBt
9	Exterior – north wall – under tan asphalt shingle siding – tan fiberboard	Negative	MFBt
10	Exterior – east wall – under wood siding – tar paper	Negative	MPT
11	Exterior – south wall – under wood siding – tar paper	Negative	MPT
12	Exterior – north wall – under wood siding – tar paper	Negative	MPT
13	Exterior – in east wall – blown in insulation	Negative	MBI
14	Exterior – in south wall – blown in insulation	Negative	MBI
15	Exterior – in west wall – blown in insulation	Negative	MBI
16	Exterior – on south center wall – tan flue packing	Negative	TFP
17	<b>Exterior – around south window – black caulk</b>	<b>Positive 20% Chrysotile</b>	<b>MCLKk</b>
18	<b>Exterior – around west window – black caulk</b>	<b>Positive 20% Chrysotile</b>	<b>MCLKk</b>
19	<b>Exterior – around north window – black caulk</b>	<b>Positive 20% Chrysotile</b>	<b>MCLKk</b>
20	Basement – on exterior north wall – stucco	Negative	STC
21	1 <sup>st</sup> floor – front entry – 12” yellow floor tile	Negative	MF12I
22a	1 <sup>st</sup> floor – front entry – east wall – plaster skim coat	Negative	SPI
22b	1 <sup>st</sup> floor – front entry – east wall – plaster base coat	Negative	SPI
23a	1 <sup>st</sup> floor – east bedroom – north wall – plaster skim coat	Negative	SPI
23b	1 <sup>st</sup> floor – east bedroom – north wall – plaster base coat	Negative	SPI
24a	1 <sup>st</sup> floor – west bedroom – east wall – plaster skim coat	Negative	SPI
24b	1 <sup>st</sup> floor – west bedroom – east wall – plaster base coat	Negative	SPI
25a	2 <sup>nd</sup> floor – dining room – south wall – plaster skim coat	Negative	SPI
25b	2 <sup>nd</sup> floor – dining room – south wall – plaster base coat	Negative	SPI
26a	2 <sup>nd</sup> floor – east bedroom – west wall – plaster skim coat	Negative	SPI
26b	2 <sup>nd</sup> floor – east bedroom – west wall – plaster base coat	Negative	SPI
27a	2 <sup>nd</sup> floor – kitchen – south wall – plaster skim coat	Negative	SPI
27b	2 <sup>nd</sup> floor – kitchen – south wall – plaster base coat	Negative	SPI
28a	2 <sup>nd</sup> floor – west bedroom – east wall – plaster skim coat	Negative	SPI
28b	2 <sup>nd</sup> floor – west bedroom – east wall – plaster base coat	Negative	SPI
29	1 <sup>st</sup> floor – front entry – on east wall – texture	Negative	STX
30	1 <sup>st</sup> floor – dining room – on ceiling – texture	Negative	STX
31	1 <sup>st</sup> floor – living room – on ceiling – texture	Negative	STX
32	1 <sup>st</sup> floor – east bedroom – on ceiling – texture	Negative	STX
33	2 <sup>nd</sup> floor – bathroom – on ceiling – texture	Negative	STX
34a	1 <sup>st</sup> floor – front entry – ceiling – joint compound	Negative	MDW
34b	1 <sup>st</sup> floor – front entry – ceiling – drywall	Negative	MDW
35a	1 <sup>st</sup> floor – west bedroom – north wall – joint compound	Negative	MDW
35b	1 <sup>st</sup> floor – west bedroom – north wall – drywall	Negative	MDW
36a	2 <sup>nd</sup> floor – living room – south wall – joint compound	Negative	MDW
36b	2 <sup>nd</sup> floor – living room – south wall – drywall	Negative	MDW
37	<b>1<sup>st</sup> floor – dining room – on west wall duct – duct wrap</b>	<b>Positive 60% Chrysotile</b>	<b>TDW</b>
38	<b>2<sup>nd</sup> floor – east bedroom – on south wall duct – duct wrap</b>	<b>Positive 60% Chrysotile</b>	<b>TDW</b>
39	<b>Basement – on southwest return</b>	<b>Positive 60% Chrysotile</b>	<b>TDW</b>
40	1 <sup>st</sup> floor – dining room – under wood floor – paper insulation	Negative	MPI
41	1 <sup>st</sup> floor – west bedroom – under wood floor – paper insulation	Negative	MPI

Sample #	Location and Description	Results	Homogeneous Code
42	2 <sup>nd</sup> floor – dining room – under wood floor – paper insulation	Negative	MPI
43	1 <sup>st</sup> floor – dining room – on south window – glazing compound	Negative	MPG
44	2 <sup>nd</sup> floor – east bedroom – on north window – glazing compound	Negative	MPG
45	Attic – east room – on east window – glazing compound	Negative	MPG
46a	1 <sup>st</sup> floor – kitchen top layer – 12” tan and pink floor tile	Negative	MF12tp
46b	1 <sup>st</sup> floor – kitchen 2 <sup>nd</sup> layer – gold and yellow linoleum	Negative	MFLdl
47a	1 <sup>st</sup> floor – pantry top layer – 12” tan and pink floor tile	Negative	MF12tp
47b	1 <sup>st</sup> floor – pantry 2 <sup>nd</sup> layer – gold and yellow linoleum	Negative	MFLdl
48a	1 <sup>st</sup> floor – bathroom top layer – 12” tan and pink floor tile	Negative	MF12tp
48b	1 <sup>st</sup> floor – bathroom 2 <sup>nd</sup> layer – gold and yellow linoleum	Negative	MFLdl
48c	1 <sup>st</sup> floor – bathroom 2 <sup>nd</sup> layer – under gold and yellow linoleum – yellow mastic	Negative	MFLdl
49a	1 <sup>st</sup> floor – kitchen south 4 <sup>th</sup> layer – 12” white and pink floor tile	Negative	MF12wp
49b	1 <sup>st</sup> floor – kitchen south 5 <sup>th</sup> layer – 12” gold and tan floor tile	Negative	MF12dt
49c	1 <sup>st</sup> floor – kitchen south 5 <sup>th</sup> layer – under 12” gold and tan floor tile – yellow mastic	Negative	MF12dt
49d	1 <sup>st</sup> floor – kitchen south bottom layer – tar paper #2	Negative	MPT2
49e	1 <sup>st</sup> floor – kitchen south bottom layer – under tar paper #2 – brown mastic	Negative	MPT2
50a	1 <sup>st</sup> floor – kitchen north 4 <sup>th</sup> layer – 12” white and pink floor tile	Negative	MF12wp
50b	1 <sup>st</sup> floor – kitchen north 5 <sup>th</sup> layer – 12” gold and tan floor tile	Negative	MF12dt
50c	1 <sup>st</sup> floor – kitchen north 5 <sup>th</sup> layer – under 12” gold and tan floor tile – yellow mastic	Negative	MF12dt
50d	1 <sup>st</sup> floor – kitchen north bottom layer – tar paper #2	Negative	MPT2
50e	1 <sup>st</sup> floor – kitchen north bottom layer – under tar paper #2 – brown mastic	Negative	MPT2
51a	1 <sup>st</sup> floor – pantry 4 <sup>th</sup> layer – 12” white and pink floor tile	Negative	MF12wp
51b	1 <sup>st</sup> floor – pantry 5 <sup>th</sup> layer – 12” gold and tan floor tile	Negative	MF12dt
51c	1 <sup>st</sup> floor – pantry 5 <sup>th</sup> layer – under 12” gold and tan floor tile – yellow mastic	Negative	MF12dt
51d	1 <sup>st</sup> floor – pantry bottom layer – tar paper #2	Negative	MPT2
51e	1 <sup>st</sup> floor – pantry bottom layer – under tar paper #2 – brown mastic	Negative	MPT2
52a	1 <sup>st</sup> floor – bathroom 4 <sup>th</sup> layer – white linoleum	Negative	MFLw
52b	1 <sup>st</sup> floor – bathroom 4 <sup>th</sup> layer – under white linoleum – brown mastic	Negative	MFLw
53	1 <sup>st</sup> floor – bathroom – on north wall under plastic panel – tan mastic	Negative	MPMt
54	1 <sup>st</sup> floor – bathroom – on north wall under plastic tile – beige mastic	Negative	MWMe
55a	1 <sup>st</sup> floor – rear stair landing – top layer – 12” tan and gray floor tile	Negative	MF12ty
55b	1 <sup>st</sup> floor – rear stair landing – 2 <sup>nd</sup> layer – 12” tan floor tile	Negative	MF12t
55c	1 <sup>st</sup> floor – rear stair landing – 3 <sup>rd</sup> layer – 12” beige and white floor tile	Negative	MF12ew
56	1 <sup>st</sup> floor – rear stair landing – bottom layer – 12” gold and brown floor tile	Negative	MF12dn
57	2 <sup>nd</sup> floor – front porch top layer – tar paper #3	Negative	MPT3

Sample #	Location and Description	Results	Homogeneous Code
58	2 <sup>nd</sup> floor – front porch bottom layer – tar paper #4	Negative	MPT4
59	2 <sup>nd</sup> floor – front porch – on east edge – gray asphalt rolled roofing	Negative	MRRy
60	2 <sup>nd</sup> floor – east bedroom – under carpet – 12” beige floor tile	Negative	MF12e
61a	2 <sup>nd</sup> floor – kitchen top layer – tan and beige linoleum	Negative	MFLte
61b	2 <sup>nd</sup> floor – kitchen top layer – under tan and beige linoleum – yellow mastic	Negative	MFLte
62a	2 <sup>nd</sup> floor – pantry top layer – tan and beige linoleum	Negative	MFLte
62b	2 <sup>nd</sup> floor – pantry top layer – under tan and beige linoleum – yellow mastic	Negative	MFLte
63a	2 <sup>nd</sup> floor – bathroom top layer – tan and beige linoleum	Negative	MFLte
63b	2 <sup>nd</sup> floor – bathroom top layer – under tan and beige linoleum – yellow mastic	Negative	MFLte
64a	2 <sup>nd</sup> floor – bathroom 3 <sup>rd</sup> layer – 12” gray floor tile	Negative	MF12y
64b	2 <sup>nd</sup> floor – bathroom 3 <sup>rd</sup> layer – under 12” gray floor tile – yellow mastic	Negative	MF12y
65a	2 <sup>nd</sup> floor – bathroom 4 <sup>th</sup> layer – tar paper #5	Negative	MPT5
65b	2 <sup>nd</sup> floor – bathroom 4 <sup>th</sup> layer – under tar paper #5 – yellow mastic	Negative	MPT5
66	2 <sup>nd</sup> floor – kitchen center 3 <sup>rd</sup> layer – 12” tan and cream floor tile	Negative	MF12tc
67	2 <sup>nd</sup> floor – kitchen east 3 <sup>rd</sup> layer – 12” tan and cream floor tile	Negative	MF12tc
68	2 <sup>nd</sup> floor – pantry 3 <sup>rd</sup> layer – 12” tan and cream floor tile	Negative	MF12tc
69	2 <sup>nd</sup> floor – kitchen center 4 <sup>th</sup> layer – 12” brown floor tile	Negative	MF12n
70	2 <sup>nd</sup> floor – kitchen east 4 <sup>th</sup> layer – 12” brown floor tile	Negative	MF12n
71	2 <sup>nd</sup> floor – kitchen northwest 4 <sup>th</sup> layer – 12” brown floor tile	Negative	MF12n
72	2 <sup>nd</sup> floor – pantry 4 <sup>th</sup> layer – 12” white floor tile	Negative	MF12w
73	2 <sup>nd</sup> floor – bathroom – on north wall under plastic panel – yellow mastic	Negative	MPMI
74	2 <sup>nd</sup> floor – west bedroom under carpet – 12” cream floor tile	Negative	MF12c
75	Attic – east room – north wall – fiberboard #2	Negative	MFB2
76	Attic – east room – east wall – fiberboard #2	Negative	MFB2
77a	Attic – east room – ceiling – joint compound	Negative	MFB2
77b	Attic – east room – ceiling – fiberboard #2	Negative	MFB2
78	Attic – closet – gray and tan linoleum	Negative	MFLyt
79	Roof – southwest top layer – red and gray asphalt shingle	Negative	MRSry
80	Roof – northwest top layer – red and gray asphalt shingle	Negative	MRSry
81	Roof – northeast top layer – red and gray asphalt shingle	Negative	MRSry
82	Roof – southwest 2 <sup>nd</sup> layer – red asphalt shingle	Negative	MRSr
83	Roof – northwest 2 <sup>nd</sup> layer – red asphalt shingle	Negative	MRSr
84	Roof – southeast 2 <sup>nd</sup> layer – red asphalt shingle	Negative	MRSr
85	Roof – southwest 3 <sup>rd</sup> layer – black asphalt shingle	Negative	MRSk
86	Roof – northwest 3 <sup>rd</sup> layer – black asphalt shingle	Negative	MRSk
87	Roof – southeast 3 <sup>rd</sup> layer – black asphalt shingle	Negative	MRSk
88	Basement – on east side of chimney – gray flue packing	Negative	TFPy
89a	Basement – on south side of chimney – dark gray flue packing top layer	Negative	TFPydark
89b	Basement – on south side of chimney – dark gray flue packing bottom layer	Negative	TFPydark
90	Basement – on north side of chimney – light gray flue packing	Negative	TFPylight
91	Basement – on south center wall – black flue packing	Negative	TFPk

Sample #	Location and Description	Results	Homogeneous Code
92	2 <sup>nd</sup> floor – living room – under carpet – yellow mastic	Negative	MCM

Two (2) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Black Caulk	MCLKk	Exterior Around Windows & Doors on Asphalt Siding	28 Windows & 3 Doors	Poor
Duct Wrap	TDW	1 <sup>st</sup> & 2 <sup>nd</sup> Floor Rooms on Ducts Behind Vents & in Walls, Basement on North & South Side Returns & on Boots, Floor Debris Basement Northwest & Northeast	230 SF	Poor

#### Assumed Asbestos Containing Materials

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Roof Flashing	MRF	Roof at Chimney	4 SF	Fair

This material was not accessible at the time of the inspection.

**Note #1:** The ACMs listed above are friable, category I non friable, and category II non friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that these materials be abated prior to deconstruction.

**Note#2:** If additional materials are discovered during deconstruction that are not listed above they are to be assumed to be asbestos containing.

**Note#3:** A copy of this report should be transmitted to the deconstruction contractor.

**Note#4:** Additional duct wrap may be within walls and ceilings.

#### Homogeneous Material Codes

SPI	Plaster
STC	Stucco
STX	Texture
MSSn	Brown Asphalt Shingle Siding
MSSt	Tan Asphalt Shingle Siding
MFBt	Tan Fiberboard Exterior
MFB2	Fiberboard Attic
MPT	Tar Paper Walls
MPT2	Tar Paper 1 <sup>st</sup> Floor
MPT3	Tar Paper Porch
MPT4	Tar Paper Porch
MPT5	Tar Paper 2 <sup>nd</sup> Floor
MBI	Blown in Insulation
MCLKk	Black Caulk
MF12l	12" Yellow Floor Tile

### **Homogeneous Material Codes**

MF12tp	12" Tan & Pink Floor Tile
MF12wp	12" White & Pink Floor Tile
MF12dt	12" Gold & Tan Floor Tile
MF12ty	12" Tan & Gray Floor Tile
MF12t	12" Tan Floor Tile
MF12ew	12" Beige & White Floor Tile
MF12dn	12" Gold & Brown Floor Tile
MF12y	12" Gray Floor Tile
MF12tc	12" Tan & Cream Floor Tile
MF12n	12" Brown Floor Tile
MF12w	12" White Floor Tile
MF12c	12" Cream Floor Tile
MPI	Paper Insulation
MPG	Glazing Compound
MFLdl	Gold & Yellow Linoleum
MFLw	White Linoleum
MFLte	Tan & Beige Linoleum
MFLyt	Gray & Tan Linoleum
MPMt	Tan Wall Panel Mastic
MPMI	Yellow Wall Panel Mastic
MWMe	Beige Wall Tile Mastic
MRRy	Gray Asphalt Rolled Roofing
MRSry	Red & Gray Asphalt Shingle
MRSr	Red Asphalt Shingle
MRSk	Black Asphalt Shingle
MCM	Carpet mastic
TDW	Duct Wrap
TFPt	Tan Flue Packing
TFPy	Gray Flue Packing
TFPydark	Dark Gray Flue Packing
TFPylight	Light Flue Packing
TFPk	Black Flue Packing

## **V. LEAD PAINT INSPECTION**

### **A. Methods**

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling at 3245 North 25<sup>th</sup> Street, Milwaukee, Wisconsin, took place on August 20, 2018. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from

painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

## **B. Component Testing Results**

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section X.

### **Interior: 3245 North 25<sup>th</sup> Street, Milwaukee, Wisconsin**

- **Painted masonry was not observed on the interior.**

### **Exterior: 3245 North 25<sup>th</sup> Street, Milwaukee, Wisconsin**

- **Painted masonry was observed on the exterior basement brick walls. Lead based paint was not detected.**

The following are the laboratory results.

**Site: 3245 North 25<sup>th</sup> Street, Milwaukee, Wisconsin**

**Date: 8/20/18**

<b>Paint Testing Results</b>					
<b>Sample</b>	<b>Room</b>	<b>Component</b>	<b>Substrate</b>	<b>Color</b>	<b>Result (% Lead)</b>
P1	Exterior	East Column	Brick	White	0.0205
P2	Exterior	South Wall	Brick	Tan	0.0297
P3	Basement	Southwest Wall	Brick	White	0.0767
P4	Basement	Southwest Wall	Brick	Blue	0.0801
<b>P5</b>	<b>Basement</b>	<b>Chimney</b>	<b>Brick</b>	<b>Light Gray</b>	<b>1.28</b>

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <https://www.osha.gov/SLTC/lead/index.html> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).



## VI. EXCLUSIONS

**Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.**

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

## VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Quantem Laboratories for our asbestos and paint testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

*This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.*

## **VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST**

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

## **ASBESTOS**

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. **Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.**

## **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central)
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>N/A</u>	Refrigerators, Freezers, Chillers
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

## **LEAD**

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

## **MERCURY**

Products that may contain mercury:

### **LIGHTING**

<u>N/A</u>	Fluorescent Lights
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

### **HVAC**

Check thermostats and any control associated with air handling units for switches containing mercury.

### **HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS**

<u>N/A</u>	Old Thermostats
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

### **BOILERS, FURNACES, HEATERS AND TANKS**

<u>N/A</u>	Mercury Flame Sensors by pilot lights
<u>N/A</u>	Manometers, Thermometers, Gauges
<u>N/A</u>	Pressure-trol
<u>N/A</u>	Float or Level Controls
<u>N/A</u>	Space Heaters

## **ELECTRICAL SYSTEMS – 2 Breaker Boxes in Basement**

<u>N/A</u>	Load Meters and Supply Relays
<u>N/A</u>	Phase Splitters
<u>N/A</u>	Microwave Relays
<u>N/A</u>	Mercury Displacement Relays

### **PCBs**

For electrical devices manufactured prior to 1987, it is safe to assume that they contain PCBs and should be managed accordingly. Most equipment manufactured after this time will say "PCB Free". The following is a list of areas in a building where PCBs may be found:

<u>N/A</u>	Transformers
<u>N/A</u>	Capacitors (appliances, electronic equipment)
<u>N/A</u>	Heat Transfer Equipment
<u>N/A</u>	Ballasts
<u>N/A</u>	Specialty Paints (such as for swimming pools or other industrial applications)
<u>N/A</u>	Sumps or Oil Traps (in maintenance and industrial facilities)

## **OTHER ENVIRONMENTAL ISSUES**

<u>N/A</u>	Hazardous Waste
<u>1</u>	Oil Tanks – Basement
<u>N/A</u>	Well Abandonment
<u>2</u>	Junk Auto Tires – Front Porch
<u>N/A</u>	Junk Vehicles

## **IX. ASBESTOS LABORATORY RESULTS**



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

## Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No.	298264	Client:	Harenda Management Group
Account Number:	B929		Dean Jacobsen
Date Received:	08/21/2018		1237 West Bruce St.
Received By:	Travis Miller		Milwaukee, WI 53204
Date Analyzed:	08/22/2018	Project:	DNS
Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3245

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Brown Siding	Asbestos Not Present	Cellulose 60	Tar Sand
002	2	Homogeneous	Brown Siding	Asbestos Not Present	Cellulose 60	Tar Sand
003	3	Homogeneous	Brown Siding	Asbestos Not Present	Cellulose 60	Tar Sand
004	4	Homogeneous	Brown Roofing	Asbestos Not Present	Cellulose 40	Tar Sand
005	5	Homogeneous	Brown Roofing	Asbestos Not Present	Cellulose 40	Tar Sand
006	6	Homogeneous	Brown Roofing	Asbestos Not Present	Cellulose 40	Tar Sand
007	7	Homogeneous	Tan Wallboard	Asbestos Not Present	Cellulose 90	Tar

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Quantem is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



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Date Received: 08/21/2018	1237 West Bruce St.
Received By: Travis Miller	Milwaukee, WI 53204
Date Analyzed: 08/22/2018	Project: DNS
Analyzed By: Dee Ammerman	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 18-400-024.3245

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	8	Homogeneous	Tan Wallboard	Asbestos Not Present	Cellulose 90	Tar
009	9	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
010	10	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
011	11	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
012	12	Homogeneous	Tan Wallboard	Asbestos Not Present	Cellulose 90	Tar
013	13	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	

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Date Analyzed:	08/22/2018	Project:	DNS
Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3245

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014	14	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
015	15	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
016	16	Homogeneous	Gray Grout	Asbestos Not Present	NA	CaCO3 Sand
017	17	Homogeneous	Black Tar	Asbestos Present Chrysotile 20	NA	Tar
018	18	Homogeneous	Black Tar	Asbestos Present Chrysotile 20	NA	Tar
019	19	Homogeneous	Black Tar	Asbestos Present Chrysotile 20	NA	Tar
020	20	Homogeneous	Gray Concrete	Asbestos Not Present	NA	CaCO3 Sand

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Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3245

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
021	21	Homogeneous	Beige Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
022	22	Layered	Gray Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
022a		Layered	Gray Plaster	Asbestos Not Present	Cellulose <1	CaCO3 Sand Gypsum
023	23	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
023a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand Gypsum
024	24	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint

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Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3245

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
024a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand Gypsum
025	25	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
025a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand Gypsum
026	26	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
026a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand Gypsum
027	27	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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## Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No.	298264	Client:	Harenda Management Group
Account Number:	B929		Dean Jacobsen
Date Received:	08/21/2018		1237 West Bruce St.
Received By:	Travis Miller		Milwaukee, WI 53204
Date Analyzed:	08/22/2018	Project:	DNS
Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3245

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
027a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand Gypsum
028	28	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
028a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand Gypsum
029	29	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
030	30	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
031	31	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint

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Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3245

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
032	32	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
033	33	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
034	34	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
034a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
035	35	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
035a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
036	36	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3

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Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3245

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
036a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
037	37	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
038	38	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
039	39	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
040	40	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose 100	
041	41	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose 100	

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Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3245

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
042	42	Homogeneous	Gray Paper	Asbestos Not Present	Cellulose 100	
043	43	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3 Binder
044	44	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3 Binder
045	45	Homogeneous	Gray Window Glazing	Asbestos Not Present	NA	CaCO3 Binder
046	46	Layered	Beige Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
046a		Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 10 Synthetic 10	CaCO3 Vinyl
047	47	Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl

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Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3245

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
047a		Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 10 Synthetic 10	CaCO3 Vinyl
048	48	Layered	Pink Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
048a		Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 10 Synthetic 10	CaCO3 Vinyl
048b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
049	49	Layered	White Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
049a		Layered	Yellow Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar

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Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3245

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
049b		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
049c		Layered	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
049d		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
050	50	Layered	White Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
050a		Layered	Yellow Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
050b		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
050c		Layered	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar

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Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3245

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
050d		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
051	51	Layered	White Floor Tile	Asbestos Not Present	NA	CaCO <sub>3</sub> Vinyl
051a		Layered	Yellow Linoleum	Asbestos Not Present	Cellulose 35	CaCO <sub>3</sub> Vinyl Tar
051b		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
051c		Layered	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
051d		Layered	Brown Mastic	Asbestos Not Present	NA	Glue

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Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3245

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
052	52	Layered	White Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
052a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
053	53	Homogeneous	Beige Mastic	Asbestos Not Present	NA	CaCO3 Glue
054	54	Homogeneous	Tan Putty	Asbestos Not Present	NA	CaCO3 Binder
055	55	Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
055a		Layered	Cream Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
055b		Layered	Off White Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl

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Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3245

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
056	56	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
057	57	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 20 Glass Fiber 20	Tar
058	58	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
059	59	Homogeneous	Black Shingle	Asbestos Not Present	Glass Fiber 35	Tar Sand
060	60	Homogeneous	Cream Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
061	61	Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl

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Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3245

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
061a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
062	62	Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
062a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
063	63	Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
063a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
064	64	Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
064a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

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Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3245

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
065	65	Layered	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
065a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue CaCO3
066	66	Homogeneous	Cream Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
067	67	Homogeneous	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
068	68	Homogeneous	Cream Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
069	69	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl

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Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3245

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
070	70	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
071	71	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
072	72	Homogeneous	White Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
073	73	Homogeneous	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3
074	74	Homogeneous	Cream Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
075	75	Homogeneous	Green Ceiling Tile	Asbestos Not Present	Cellulose	90 Paint
076	76	Homogeneous	Green Ceiling Tile	Asbestos Not Present	Cellulose	90 Paint

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Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3245

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
077	77	Layered	White Coating	Asbestos Not Present	NA	Paint CaCO3 Mica
077a		Layered	Tan Ceiling Tile	Asbestos Not Present	Cellulose	100
078	78	Layered	Brown Linoleum	Asbestos Not Present	Cellulose	35 CaCO3 Vinyl Tar
078a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
079	79	Homogeneous	Red Shingle	Asbestos Not Present	Glass Fiber	35 Tar Sand
080	80	Homogeneous	Red Shingle	Asbestos Not Present	Glass Fiber	35 Tar Sand

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Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3245

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
081	81	Homogeneous	Red Shingle	Asbestos Not Present	Glass Fiber 35	Tar Sand
082	82	Homogeneous	Red Shingle	Asbestos Not Present	Cellulose 50	Tar Sand
083	83	Homogeneous	Red Shingle	Asbestos Not Present	Cellulose 50	Tar Sand
084	84	Homogeneous	Red Shingle	Asbestos Not Present	Cellulose 50	Tar Sand
085	85	Homogeneous	Black Shingle	Asbestos Not Present	Cellulose 50	Tar Sand
086	86	Homogeneous	Black Shingle	Asbestos Not Present	Cellulose 50	Tar Sand
087	87	Homogeneous	Black Shingle	Asbestos Not Present	Cellulose 50	Tar Sand

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Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3245

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
088	88	Homogeneous	Gray Insulation	Asbestos Not Present	Wollastonite	30 Gypsum Binder
089	89	Layered	Gray Insulation	Asbestos Not Present	Wollastonite	30 Gypsum Binder
089a		Layered	Tan Insulation	Asbestos Not Present	Cellulose Glass Fiber	5 35 CaCO3
090	90	Homogeneous	Gray Concrete	Asbestos Not Present	NA	CaCO3 Sand
091	91	Homogeneous	Gray Concrete	Asbestos Not Present	NA	CaCO3 Sand
092	92	Homogeneous	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3

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Account Number: B929 Dean Jacobsen  
Date Received: 08/21/2018 1237 West Bruce St.  
Received By: Travis Miller Milwaukee, WI 53204  
Date Analyzed: 08/22/2018 Project: DNS  
Analyzed By: Dee Ammerman Project Location: Milwaukee, WI  
Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3245

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
				8/22/2018		
			Dee Ammerman, Analyst	Date of Report		

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# ASBESTOS CHAIN OF CUSTODY

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(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

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## LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. <u>258264</u>
Accept <input checked="" type="checkbox"/> Reject <input type="checkbox"/>

Report Results ( <input checked="" type="checkbox"/> one box)
<input checked="" type="checkbox"/> QuanTEM Website
<input type="checkbox"/> Other email _____

Contact Information		Project Information	
Company: Harenda Management Group	Phone: (414) 383-4800	Project Name: DNS	
Contact: Dean Jacobsen	Cell Phone:	Project Location: Milwaukee, WI	
Account #: B929	E-mail: djacobsen@harenda.com	Project ID: 18-400-024.3245	
SAMPLED BY: Name:	Date:	PQ Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>Dean Jacobsen</i>	8/21/10	FedEx	<i>[Signature]</i>	10-8-4 10:00

REQUESTED SERVICES (Please <input checked="" type="checkbox"/> the Appropriate Boxes)			
PLM	PLM	TEM	TEM
<input checked="" type="checkbox"/> Bulk Analysis (EPA 600/R-93/116)	<input type="checkbox"/> Vermiculite Attic Insulation (EPA 600/R-04/004)	<input type="checkbox"/> Air- AHERA	<input type="checkbox"/> Bulk- Presence / Absence EPA600/R-93/116
<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Other	<input type="checkbox"/> Air- NIOSH 7402	<input type="checkbox"/> Bulk- Quantitative [weight%]- Chatfield
<input type="checkbox"/> 1000 Point Count		<input type="checkbox"/> Air- ISO 10312	<input type="checkbox"/> Dust- Presence / Absence
<input type="checkbox"/> Gravimetric Preparation	<input type="checkbox"/> PCM	<input type="checkbox"/> Drinking Water- EPA 100.2	<input type="checkbox"/> Dust- Quantitative [fibers/sq.cm]- ASTM D5755
<input type="checkbox"/> Particle ID	<input type="checkbox"/> NIOSH 7400	<input type="checkbox"/> Waste Water- EPA 600/4-83-043	<input type="checkbox"/> Other
		TURNAROUND TIME	
		<input type="checkbox"/> Rush	
		<input type="checkbox"/> Same Day	
		<input checked="" type="checkbox"/> 24 - Hour	
		<input type="checkbox"/> 3 - Day	
		<input type="checkbox"/> 5 - Day	

No.	Sample ID (10 Characters Max)	To Be Analyzed <input checked="" type="checkbox"/>	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1	<input checked="" type="checkbox"/>				
2	2	<input type="checkbox"/>				
3	3	<input type="checkbox"/>				
4	4	<input type="checkbox"/>				
5	5	<input type="checkbox"/>				
6	6	<input type="checkbox"/>				
7	7	<input type="checkbox"/>				
8	8	<input type="checkbox"/>				
9	9	<input type="checkbox"/>				
10	10	<input checked="" type="checkbox"/>				



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For Lab Use Only
Lab No. <u>278264</u>
Accepted <input checked="" type="checkbox"/> Reject <input type="checkbox"/>

Project Information				Project Name: DNS	Project Location: Milwaukee, WI	
Company: Harenda Management Group						
No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11	<input checked="" type="checkbox"/>				
12	12	<input type="checkbox"/>				
13	13	<input type="checkbox"/>				
14	14	<input type="checkbox"/>				
15	15	<input type="checkbox"/>				
16	16	<input type="checkbox"/>				
17	17	<input type="checkbox"/>				
18	18	<input type="checkbox"/>				
19	19	<input type="checkbox"/>				
20	20	<input type="checkbox"/>				
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22	22	<input type="checkbox"/>				
23	23	<input type="checkbox"/>				
24	24	<input type="checkbox"/>				
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26	26	<input type="checkbox"/>				
27	27	<input type="checkbox"/>				
28	28	<input type="checkbox"/>				
29	29	<input checked="" type="checkbox"/>				
30	30	<input type="checkbox"/>				



LABORATORIES  
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Lab No. <u>258264</u>
<input checked="" type="checkbox"/> Accept <input type="checkbox"/> Reject

Project Information						
Company: Harenda Management Group			Project Name: DNS	Project Location: Milwaukee, WI		
No.	Sample ID (10 Characters Max)	To Be Analyzed <input checked="" type="checkbox"/>	Color	Description	Volume / Area (as applicable)	Comments / Notes
31	31	<input checked="" type="checkbox"/>				
32	32	<input type="checkbox"/>				
33	33	<input type="checkbox"/>				
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39	39	<input type="checkbox"/>				
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42	42	<input type="checkbox"/>				
43	43	<input type="checkbox"/>				
44	44	<input type="checkbox"/>				
45	45	<input type="checkbox"/>				
46	46	<input type="checkbox"/>				
47	47	<input type="checkbox"/>				
48	48	<input checked="" type="checkbox"/>				
49	49	<input checked="" type="checkbox"/>				
50	50	<input checked="" type="checkbox"/>				



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Page 4 of 6

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Lab No. <u>258264</u>
Accept <input checked="" type="checkbox"/> Reject <input type="checkbox"/>

Project Information				Project Name: DNS	Project Location: Milwaukee, WI	
Company: Harenda Management Group						
No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
51	51	<input checked="" type="checkbox"/>				
52	52	<input type="checkbox"/>				
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68	68	<input type="checkbox"/>				
69	69	<input checked="" type="checkbox"/>				
70	70	<input checked="" type="checkbox"/>				





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Page 5 of 6

For Lab Use Only
Lab No. <u>258264</u>
Accept <input checked="" type="checkbox"/> Reject <input type="checkbox"/>

Project Information				Project Name: DNS	Project Location: Milwaukee, WI	
Company: Harenda Management Group						
No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
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87	87	<input type="checkbox"/>				
88	88	<input type="checkbox"/>				
89	89	<input type="checkbox"/>				
90	90	<input checked="" type="checkbox"/>				





# ASBESTOS CHAIN OF CUSTODY

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For Lab Use Only
Lab No. 258264
Accept <input checked="" type="checkbox"/> Reject <input type="checkbox"/>

Project Information					Project Location: Milwaukee, WI	
Company: Harenda Management Group			Project Name: DNS			
No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
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92	92	<input checked="" type="checkbox"/>				
3		<input type="checkbox"/>				
4		<input type="checkbox"/>				
5		<input type="checkbox"/>				
6		<input type="checkbox"/>				
7		<input type="checkbox"/>				
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2		<input type="checkbox"/>				
3		<input type="checkbox"/>				
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5		<input type="checkbox"/>				
6		<input type="checkbox"/>				
7		<input type="checkbox"/>				
8		<input type="checkbox"/>				
9		<input type="checkbox"/>				
0		<input type="checkbox"/>				

## **X. LEAD LABORATORY RESULTS**



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

## Environmental Chemistry Analysis Report

**QuanTEM Set ID:** 298244  
**Date Received:** 08/21/18  
**Received By:** Travis Miller  
**Date Sampled:**  
**Time Sampled:**  
**Analyst:** CR  
**Date of Report:** 08/22/18

**Client:** Harenda Management Group  
Dean Jacobsen  
1237 West Bruce St.  
Milwaukee, WI 53204  
**Acct. No.:** B929  
**Project:** DNS  
**Location:** Milwaukee, WI  
**Project No.:** 18-400-024.3245

AIHA ID: 101352

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P1	Paint	Lead	0.0205	0.00499	%	08/22/18 11:07	P EPA 7000B (1)
002	P2	Paint	Lead	0.0297	0.00494	%	08/22/18 11:07	P EPA 7000B (1)
003	P3	Paint	Lead	0.0767	0.00493	%	08/22/18 11:07	P EPA 7000B (1)
004	P4	Paint	Lead	0.0801	0.00495	%	08/22/18 11:07	P EPA 7000B (1)
005	P5	Paint	Lead	1.28	0.00494	%	08/22/18 11:07	P EPA 7000B (1)

Authorized Signature: \_\_\_\_\_

Cherry Rossen, Technical Manager

Note: Sample results have not been corrected for blank values.

This report applies only to the standards or procedures indicated and to the specific samples tested. It is not indicative of the qualities of apparently identical or similar products or procedures, nor does it represent an ongoing assurance program unless so noted. These reports are for the exclusive use of the client and are not to be reproduced without specific written permission. QuanTEM is not responsible for user-supplied data used in calculations.

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Wipe materials must meet ASTM E1792 criteria. Method detection limits and resultant reporting limits may not be valid for non-ASTM E1792 wipe material.

EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified

EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified



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## LEAD CHAIN OF CUSTODY

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Page 1 of 1

### LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

Contact Information		Project Information	
Company: Harenda Management Group	Phone: (414) 383-4800	Project Name: DNS	
Contact: Dean Jacobsen	Cell Phone:	Project Location: Milwaukee, WI	
Account #: B929	E-mail: djacobsen@harenda.com	Project ID: 18-400-024.3245	

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Lab No. 258244	
<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Reject
Report Results ( <input checked="" type="checkbox"/> one box)	
<input checked="" type="checkbox"/> Quantem Website	
Other email	

Sampled By:	Name:	Date:
-------------	-------	-------

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
	4/2/18 1:20	FedEx		18-8-21 10:44

### REQUESTED SERVICES (Please ☒ the Appropriate Boxes)

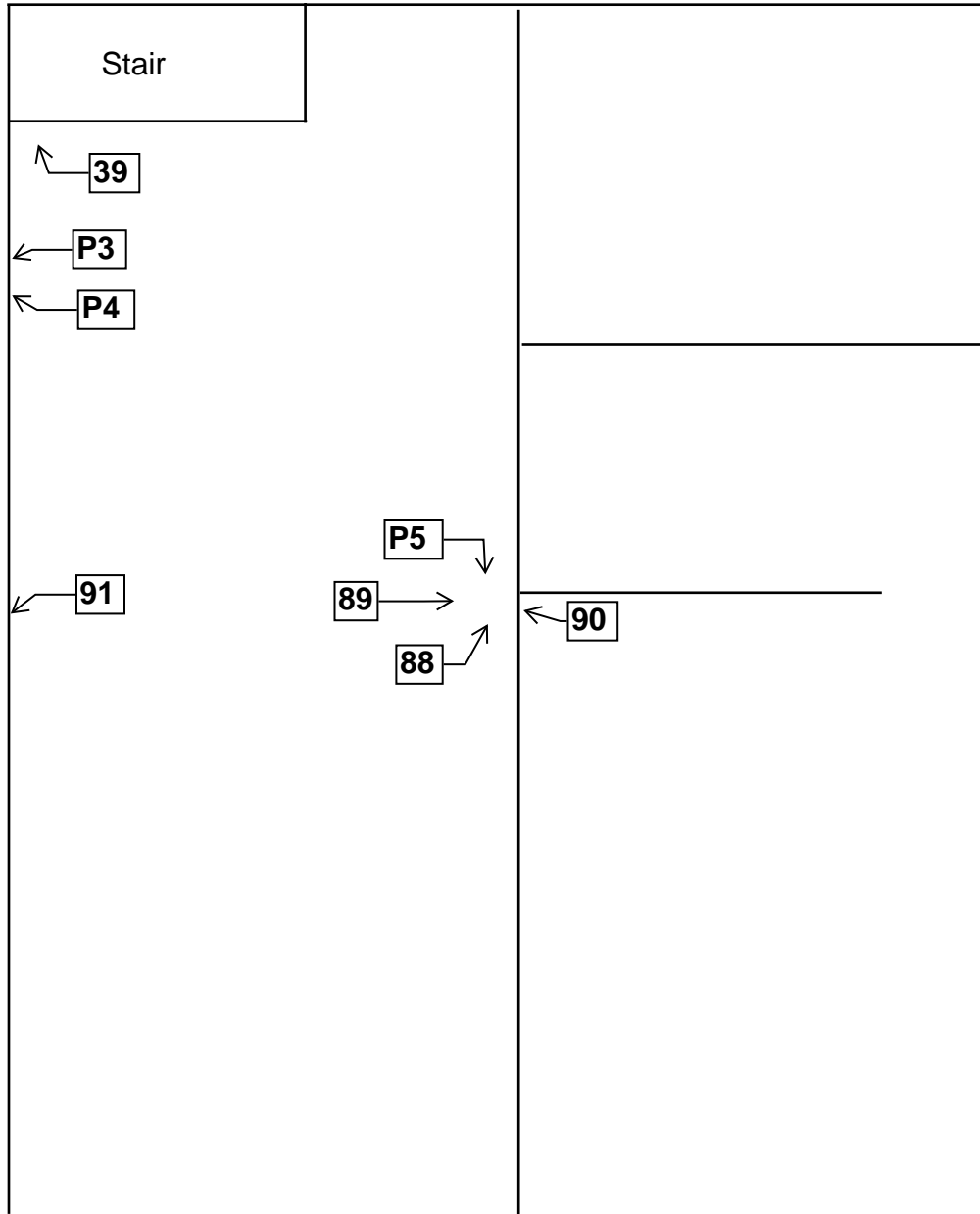
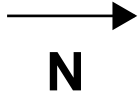
No.	Sample ID (10 Characters Max)	Sample Description	Volume (Liters)	Volume Area (Length x Width)	Sample Matrix (see matrix code box)	Analysis			Units ( <input checked="" type="checkbox"/> ONE box only)					Sample Matrix Codes			
						Pb			PPM	Wt %	mg / l	µg / ft <sup>2</sup>	µg / m <sup>3</sup>	mg / cm <sup>2</sup>	A	Soil	
1	P1				B	X				X							
2	P2																
3	P3																
4	P4																
5	P5																
6																	
7																	
8																	
9																	
10																	
11																	
12																	

TURNAROUND TIME	
<input checked="" type="checkbox"/>	Same Day
<input type="checkbox"/>	24 - Hour
<input type="checkbox"/>	3 - Day
<input type="checkbox"/>	5 - Day

## **XI. FLOOR PLANS**

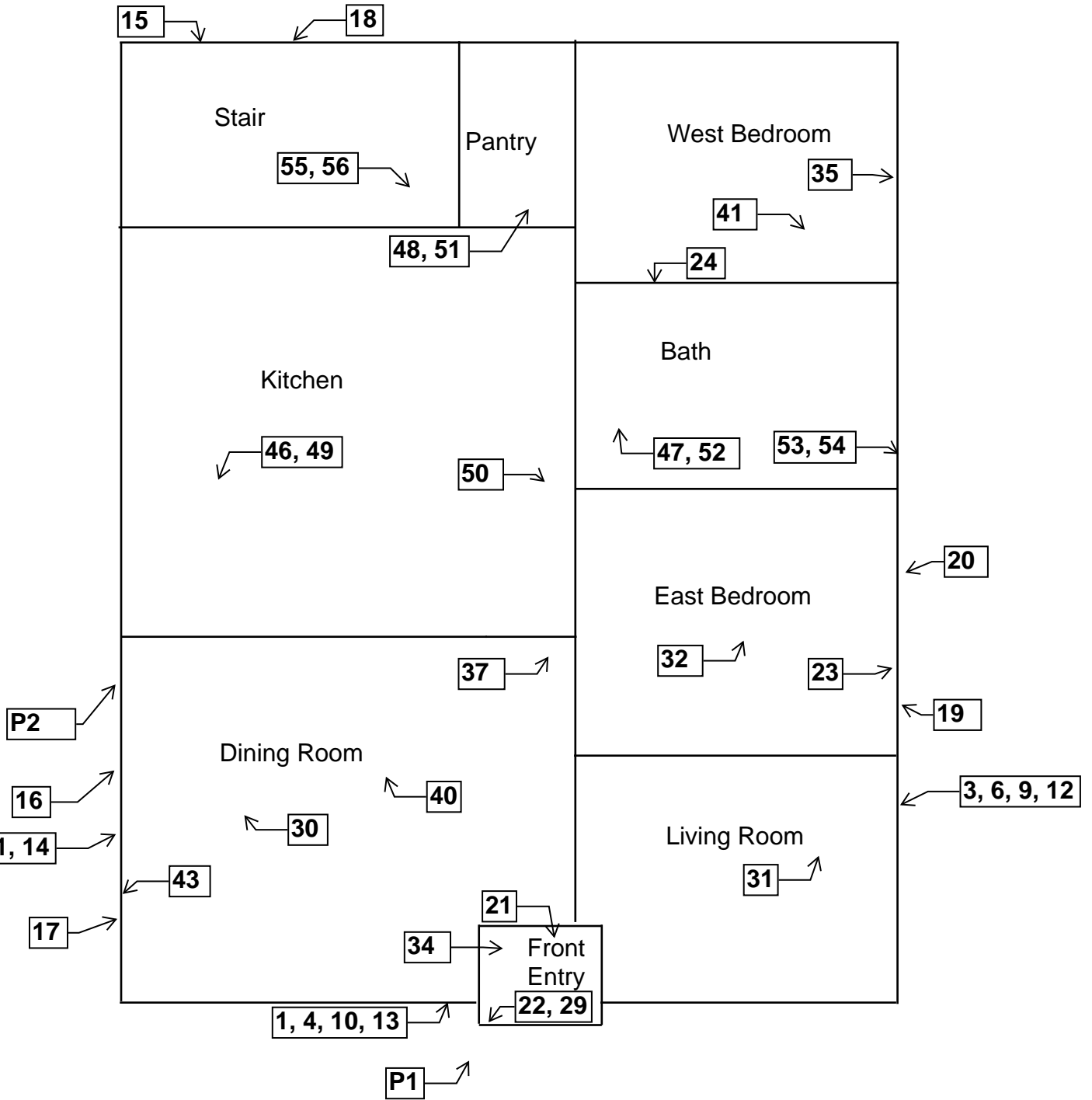
**Two family Dwelling  
3245 North 25th Street  
Milwaukee, Wisconsin**

Basement Floor Plan



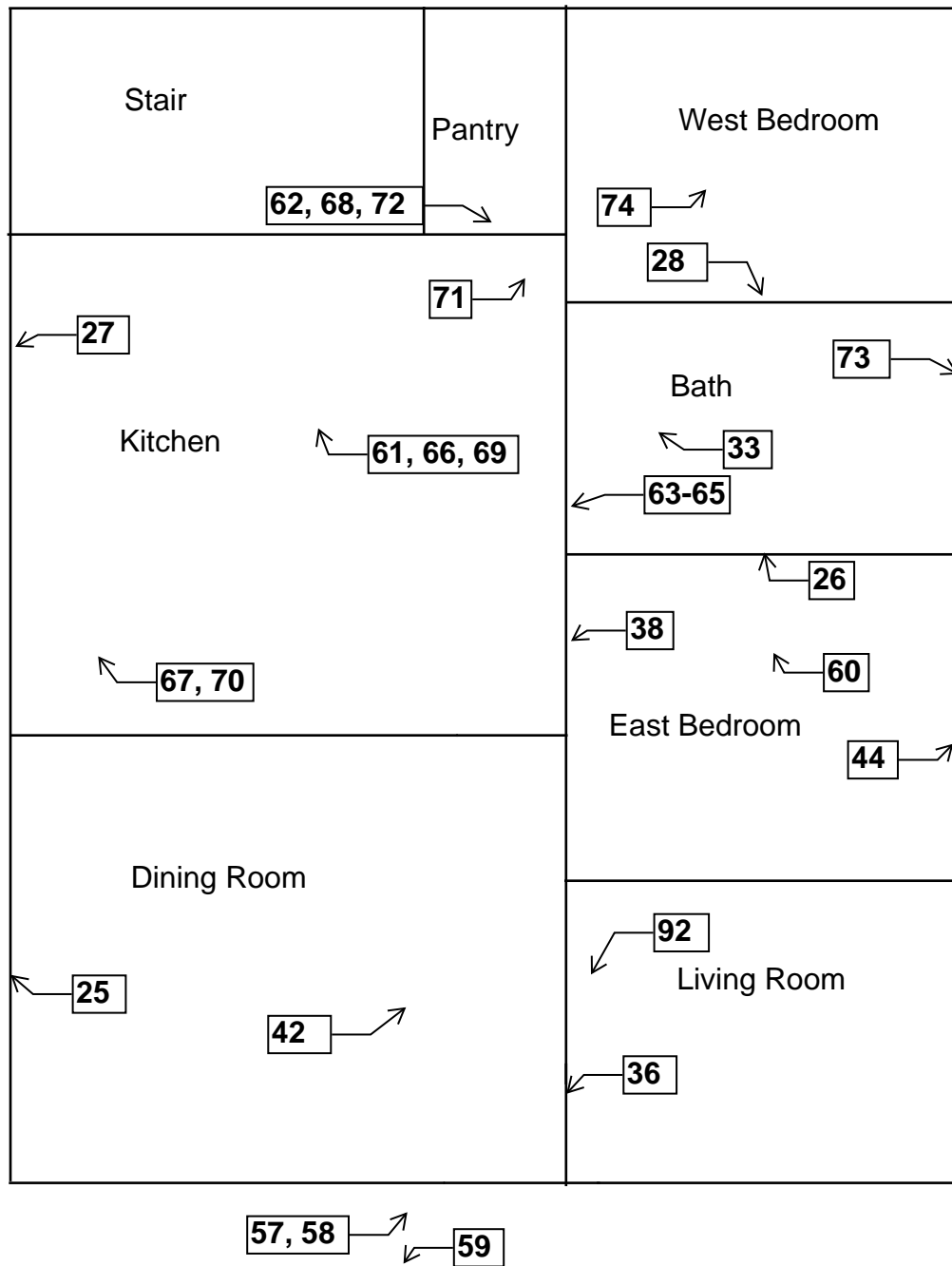
**Two family Dwelling  
3245 North 25th Street  
Milwaukee, Wisconsin**

1st Floor Plan



**Two family Dwelling  
3245 North 25th Street  
Milwaukee, Wisconsin**

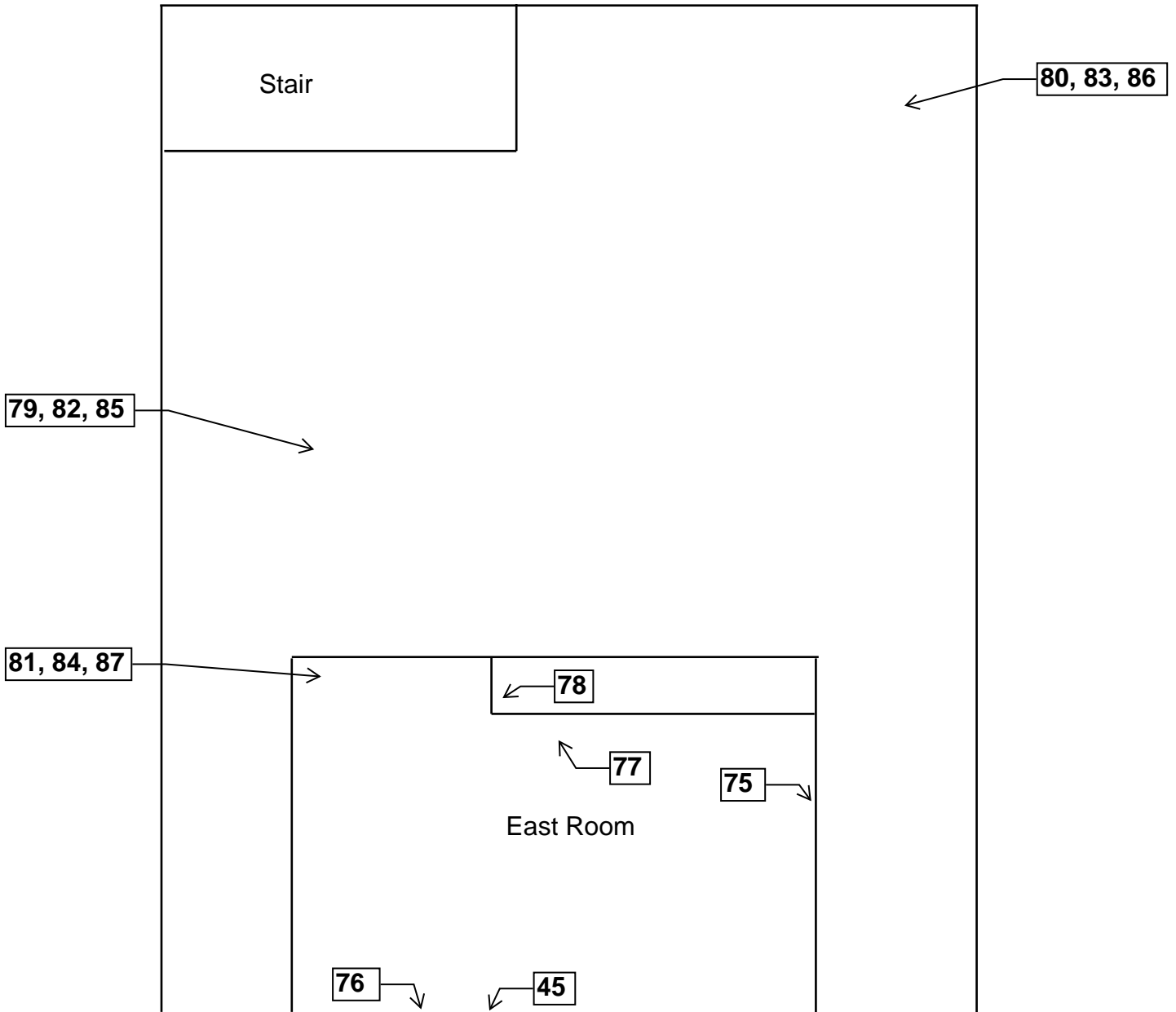
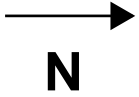
2nd Floor Plan





**Two family Dwelling  
3245 North 25th Street  
Milwaukee, Wisconsin**

Attic/Roof Floor Plan



## **XII. HMG CERTIFICATION**



# Company Certificate

This certifies that

**HARENDA MANAGEMENT GROUP**

1237 W BRUCE ST.  
MILWAUKEE WI 53204-1218


is certified under ch. DHS 159, Wis.Adm.Code as a

**Asbestos Company - Primary**

Certificate Issue Date: 06/23/2017  
Expiration Date: 08/31/2019, 12:01 a.m.  
Certification #: CAP-480540

Wisconsin Department of Health Services  
Division of Public Health  
Bureau of Environmental and Occupational Health  
Asbestos & Lead Section  
PO Box 2659  
Madison WI 53701-2659  
Phone: (608) 261-6876



  
*Shelley A Bruce*  
Shelley A Bruce,  
Unit Supervisor



Scott Walker  
Governor

Linda Seemeyer  
Secretary

December 15, 2017



State of Wisconsin  
Department of Health Services

DIVISION OF PUBLIC HEALTH

1 WEST WILSON STREET

P O BOX 2659  
MADISON WI 53701-2659

Telephone: 608 266-1251  
FAX: 608 267-2832  
TTY: 888-701-1253  
dhs.wisconsin.gov

DEAN T JACOBSEN  
W131S6781 KIPLING DR  
MUSKEGO WI 53150-3401

ID# AII-14370

**Congratulations!** Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

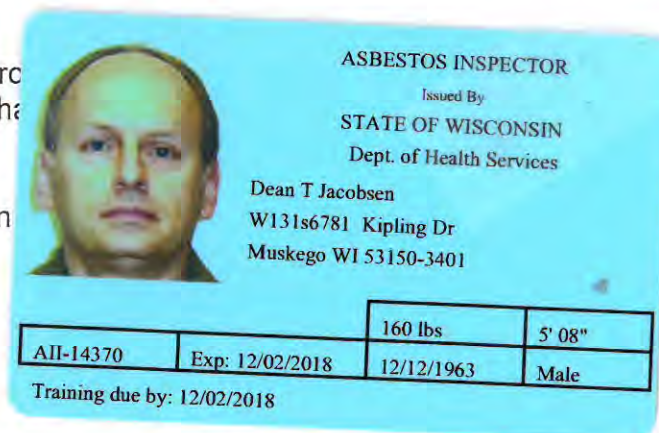
**Follow Wisconsin law by making sure that you:**

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing [DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov), by using our Lead and Asbestos Online Certification website, [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo), or by mailing a note to:  
  
Lead and Asbestos Section  
1 W. Wilson St., Room 137  
P.O. Box 2659  
Madison WI 53701-2659
4. Take refresher training well before the "Training due by" date printed on your blue card.
  - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.  
Find asbestos training providers at [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
  - o Lead-certified individuals can refresh up to **1 year** before the due date.  
Find lead training providers at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead).
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead) or [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you protect your professional responsibility. Contact us if you have questions below and on the back of your blue card.

The Lead and Asbestos Certification Program  
(608) 261-6876  
[DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov)  
[www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos)  
[www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead)

**COPY**





## **DECONSTRUCTION INSPECTION REPORT**

### **Job Site:**

**Two Family Dwelling  
3286 North 25<sup>th</sup> Street  
Milwaukee, Wisconsin**

### **For:**

City of Milwaukee  
Department of Neighborhood Services  
Attn: Marge Piwaron  
841 North Broadway 1<sup>st</sup> Floor  
Milwaukee, Wisconsin 53202-3613

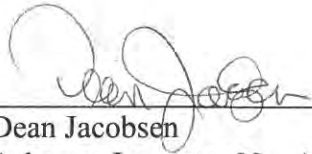
**HMG Report No.: 19-400-037.3286  
Inspector: Damian Rogowski  
Contract No.: 360-19-0975**

### **Prepared by:**

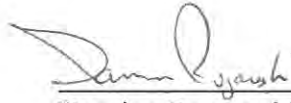
**HARENDA MANAGEMENT GROUP**  
1237 West Bruce Street  
Milwaukee, Wisconsin 53204  
(414) 383-4800

**August 2019**

**Signature Page**  
Deconstruction Inspection Report  
Two Family Dwelling  
3286 North 25<sup>th</sup> Street  
Milwaukee, Wisconsin



Dean Jacobsen  
Asbestos Inspector No. AII – 14370  
Expiration Date: 12/2/19  
Harenda Management Group



Damian Rogowski  
Asbestos Inspector No. AII – 161300  
Expiration Date: 3/19/20  
Harenda Management Group

August 20, 2019


City of Milwaukee  
Department of Neighborhood Services  
Attn: Marge Piwaron  
841 North Broadway 1<sup>st</sup> Floor  
Milwaukee, Wisconsin 53202-3613

RE: Deconstruction Inspection Report  
3286 North 25<sup>th</sup> Street  
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 3286 North 25<sup>th</sup> Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

**HARENDA MANAGEMENT GROUP**



Dean Jacobsen  
Asbestos Inspector No. AII – 14370

## **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 3286 North 25<sup>th</sup> Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in exterior transite siding sampled during the inspection. Asbestos was detected at less than 1% in 2<sup>nd</sup> floor kitchen wall panel mastic. Asbestos was assumed to be in the roof flashing at the chimney. Results are in Section IV of this report.

Lead was detected in paint on the interior basement walls. Results are in Section V of this report.



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## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling at 3286 North 25<sup>th</sup> Street, Milwaukee, Wisconsin. The dwelling is a three story wood framed structure with basement. The house has vinyl, transite, and wood walls with asphalt roofing.

## II. ASBESTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

**On August 7, 2019, HMG conducted an asbestos inspection and lead inspection of a two family dwelling, scheduled for deconstruction, located at 3286 North 25<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Damian Rogowski, Wisconsin License No. AII – 161300, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.
4. Sampling of suspect lead painted masonry surfaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Paper insulation
- Transite siding
- Window glazing compound
- Drywall/joint compound
- Plaster
- Texture
- Floor tile
- Ceramic tile
- Ceiling tile
- Sink undercoat
- Asphalt shingles
- Flue packing

- Mastics-
- Roof flashing

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

### III. ASBESTOS LABORATORY

#### A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite,/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

### IV. ASBESTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – west wall under transite siding – brown paper insulation	Negative	MPIn
2	Exterior – north wall under transite siding – brown paper insulation	Negative	MPIn
3	Exterior – south wall under transite siding – brown paper insulation	Negative	MPIn
4	<b>Exterior – west wall under vinyl siding – transite siding</b>	<b>Positive 20% Chrysotile</b>	<b>MTP</b>
5	<b>Exterior – north wall under vinyl siding – transite siding</b>	<b>Positive 20% Chrysotile</b>	<b>MTP</b>
6	<b>Exterior – south wall under vinyl siding – transite siding</b>	<b>Positive 20% Chrysotile</b>	<b>MTP</b>
7	Basement – on north window – glazing compound	Negative	MPG

Sample #	Location and Description	Results	Homogeneous Code
8	1 <sup>st</sup> floor – on east window – glazing compound	Negative	MPG
9	1 <sup>st</sup> floor – on south window – glazing compound	Negative	MPG
10a	1 <sup>st</sup> floor – living room – east wall – drywall	Negative	MDW
10b	1 <sup>st</sup> floor – living room – east wall – joint compound	Negative	MDW
11a	1 <sup>st</sup> floor – hall – south wall – drywall	Negative	MDW
11b	1 <sup>st</sup> floor – hall – south wall – joint compound	Negative	MDW
12a	2 <sup>nd</sup> floor – bathroom – west wall – drywall	Negative	MDW
12b	2 <sup>nd</sup> floor – bathroom – west wall – joint compound	Negative	MDW
13a	1 <sup>st</sup> floor – living room – east wall under drywall – plaster	Negative	SPI
13b	1 <sup>st</sup> floor – living room – east wall under drywall – joint compound layer	Negative	SPI
14a	2 <sup>nd</sup> floor – east bedroom – south wall – plaster	Negative	SPI
14b	2 <sup>nd</sup> floor – east bedroom – south wall – joint compound layer	Negative	SPI
15a	2 <sup>nd</sup> floor – west bedroom – south wall – plaster	Negative	SPI
15b	2 <sup>nd</sup> floor – west bedroom – south wall – joint compound layer	Negative	SPI
16a	2 <sup>nd</sup> floor – rear stair – south wall – plaster	Negative	SPI
16b	2 <sup>nd</sup> floor – rear stair – south wall – joint compound layer	Negative	SPI
17a	1 <sup>st</sup> floor – east bedroom – east wall under drywall – plaster	Negative	SPI
17b	1 <sup>st</sup> floor – east bedroom – east wall under drywall – joint compound layer	Negative	SPI
18	1 <sup>st</sup> floor – living room – on east wall – texture	Negative	STX
19	1 <sup>st</sup> floor – bathroom – on east wall – texture	Negative	STX
20	2 <sup>nd</sup> floor – bathroom – on east wall – texture	Negative	STX
21a	1 <sup>st</sup> floor – dining room east side – 12” white and gray floor tile	Negative	MF12wy
21b	1 <sup>st</sup> floor – dining room east side – under 12” white and gray floor tile – tan mastic	Negative	MF12wy
22a	1 <sup>st</sup> floor – dining room west side – 12” cream and gray floor tile	Negative	MF12cy
22b	1 <sup>st</sup> floor – dining room west side – under 12” cream and gray floor tile – tan mastic	Negative	MF12cy
23a	1 <sup>st</sup> floor – bathroom – on west wall – white and pink ceramic tile	Negative	MCTMwp
23b	1 <sup>st</sup> floor – bathroom – on west wall – under white and pink ceramic tile - tan mastic	Negative	MCTMwp
24a	1 <sup>st</sup> floor – hall floor – gray ceramic tile	Negative	MCTMy
24b	1 <sup>st</sup> floor – hall floor – grout/mortar	Negative	MCTMy
25a	1 <sup>st</sup> floor – kitchen floor – gray ceramic tile	Negative	MCTMy
25b	1 <sup>st</sup> floor – kitchen floor – grout/mortar	Negative	MCTMy
26a	1 <sup>st</sup> floor – pantry floor – gray ceramic tile	Negative	MCTMy
26b	1 <sup>st</sup> floor – pantry floor – grout/mortar	Negative	MCTMy
27a	2 <sup>nd</sup> floor – rear stair landing – 12” tan and brown floor tile	Negative	MF12tn
27b	2 <sup>nd</sup> floor – rear stair landing – under 12” tan and brown floor tile – tan mastic	Negative	MF12tn
28	2 <sup>nd</sup> floor – front stair – on south wall – texture #2	Negative	STX2
29	2 <sup>nd</sup> floor – front stair – on north wall – texture #2	Negative	STX2
30	1 <sup>st</sup> floor – front stair – on south wall – texture #2	Negative	STX2
31a	2 <sup>nd</sup> floor – front stair on steps – 9” black and red floor tile	Negative	MF9kr
31b	2 <sup>nd</sup> floor – front stair on steps – under 9” black and red floor tile – tan mastic	Negative	MF9kr
32	2 <sup>nd</sup> floor – office – 2’ x 4’ ceiling tile	Negative	MSCT24
33	2 <sup>nd</sup> floor – living room – 2’ x 4’ ceiling tile	Negative	MSCT24

Sample #	Location and Description	Results	Homogeneous Code
34	2 <sup>nd</sup> floor – dining room – 2' x 4' ceiling tile	Negative	MSCT24
35a	2 <sup>nd</sup> floor – west bedroom – 12" gray floor tile	Negative	MF12y
35b	2 <sup>nd</sup> floor – west bedroom – under 12" gray floor tile – tan mastic	Negative	MF12y
36a	2 <sup>nd</sup> floor – bathroom – 12" brown floor tile	Negative	MF12n
36b	2 <sup>nd</sup> floor – bathroom – under 12" brown floor tile – tan mastic	Negative	MF12n
37a	2 <sup>nd</sup> floor – hall top layer – 12" brown floor tile	Negative	MF12n
37b	2 <sup>nd</sup> floor – hall top layer – under 12" brown floor tile – tan mastic	Negative	MF12n
38a	2 <sup>nd</sup> floor – kitchen top layer – 12" brown floor tile	Negative	MF12n
38b	2 <sup>nd</sup> floor – kitchen top layer – under 12" brown floor tile – tan mastic	Negative	MF12n
39a	2 <sup>nd</sup> floor – hall bottom layer – 12" white and gray floor tile	Negative	MF12wy
39b	2 <sup>nd</sup> floor – hall bottom layer – under 12" white and gray floor tile – tan mastic	Negative	MF12wy
40a	2 <sup>nd</sup> floor – kitchen bottom layer – 12" white and gray floor tile	Negative	MF12wy
40b	2 <sup>nd</sup> floor – kitchen bottom layer – under 12" white and gray floor tile – tan mastic	Negative	MF12wy
41	2 <sup>nd</sup> floor – kitchen on sink – gray undercoat	Negative	MSUy
42	2 <sup>nd</sup> floor – kitchen on west wall under panel – brown mastic	Positive 2% Chrysotile	MPMn
42	Point Count Result	Trace 0.5% Chrysotile	MPMn
43	2 <sup>nd</sup> floor – kitchen on east wall under panel – brown mastic	Positive 2% Chrysotile	MPMn
43	Point Count Result	Trace 0.75% Chrysotile	MPMn
44	2 <sup>nd</sup> floor – kitchen on south wall under panel – brown mastic	Positive 2% Chrysotile	MPMn
44	Point Count Result	Trace 0.5% Chrysotile	MPMn
45	Roof – southeast top layer – red and black asphalt shingle	Negative	MRSrk
46	Roof – northwest top layer – red and black asphalt shingle	Negative	MRSrk
47	Roof – northeast top layer – red and black asphalt shingle	Negative	MRSrk
48	Roof – southeast 2 <sup>nd</sup> layer – brown and gray asphalt shingle	Negative	MRSny
49	Roof – northwest 2 <sup>nd</sup> layer – brown and gray asphalt shingle	Negative	MRSny
50	Roof – northeast 2 <sup>nd</sup> layer – brown and gray asphalt shingle	Negative	MRSny
51	Roof – southeast 3 <sup>rd</sup> layer – brown asphalt shingle	Negative	MRSn
52	Roof – northwest 3 <sup>rd</sup> layer – brown asphalt shingle	Negative	MRSn
53	Roof – northeast 3 <sup>rd</sup> layer – brown asphalt shingle	Negative	MRSn
54a	Basement – stair – 12" tan floor tile	Negative	MF12t
54b	Basement – stair – under 12" tan floor tile – tan mastic	Negative	MF12t
55	Basement – on chimney – flue packing	Negative	TFP

One (1) of the materials sampled contains greater than 1% asbestos and is an asbestos containing material (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Transite Siding	MTP	Exterior Walls Under Vinyl Siding	2,900 SF	Category II Non-Friable

One (1) of the materials sampled contains less than 1% asbestos and is not an ACM:

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Brown Wall Panel Mastic	MPMn	2 <sup>nd</sup> Floor Kitchen	400 SF	Category II Non-Friable

#### Assumed Asbestos Containing Materials

Material	Location	Approximate Quantity	Material Type
Roof Flashing	Roof at Chimney	5 SF	Category I Non-Friable

The flashing was not accessible at the time of the inspection.

**Note #1:** The ACMs listed above are category I non-friable and category II non friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that these materials be abated prior to deconstruction.

**Note#2:** The brown wall panel mastic contains less than 1% asbestos as verified by the point count method, and by definition in NR 447 is not an ACM. The contractor must follow U.S. Occupational Safety and Health Administration requirements in 29 CFR 1926.1101 (Asbestos in Construction) during removal. This regulation requires the employer to protect employees from asbestos exposure if any amount of asbestos is present. These requirements include:

- Exposure assessments
- Use of respirators and protective clothing until exposure assessments results are known,
- Using wet methods and HEPA vacuums for cleanup of the joint compound,
- Putting waste in leak tight asbestos labeled containers

HMG recommends that the brown wall panel mastic be removed by a Wisconsin certified asbestos company, as necessary, as part of the deconstruction project.

**Note#3:** If additional materials are discovered during deconstruction that are not listed above they are to be assumed to be asbestos containing.

**Note#4:** A copy of this report should be transmitted to the deconstruction contractor.

#### Homogeneous Material Codes

SP1	Plaster
STX	Texture
STX2	Texture #2
MPIn	Brown Paper Insulation
MTP	Transite
MPG	Window Glazing Compound
MDW	Drywall/Joint Compound
MF12wy	12" White & Gray Floor Tile
MF12cy	12" Cream & Gray Floor Tile
MF12tn	12" Tan & Brown Floor Tile
MF12y	12" Gray Floor Tile
MF12t	12" Tan Floor Tile
MF9kr	9" Black & Red Floor Tile
MCTMwp	White & Pink Ceramic Tile
MCTMy	Gray Ceramic Tile

#### **Homogeneous Material Codes**

MSCT24	2' x 4' Ceiling Tile
MSUy	Gray Sink Undercoat
MPMn	Brown Wall Panel Mastic
MRSrk	Red & Black Asphalt Shingle
MRSny	Brown & Gray Asphalt Shingle
TFP	Flue Packing

## **V. LEAD PAINT INSPECTION**

### **A. Methods**

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling at 3286 North 25<sup>th</sup> Street, Milwaukee, Wisconsin, took place on August 7, 2019. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

### **B. Component Testing Results**

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section X.

#### **Interior: 3286 North 25<sup>th</sup> Street, Milwaukee, Wisconsin**

- **Painted block was observed on the interior basement walls. Lead based paint was not detected.**

#### **Exterior: 3286 North 25<sup>th</sup> Street, Milwaukee, Wisconsin**

- **Painted masonry was not observed on the exterior.**

The following are the laboratory results.

**Site: 3286 North 25<sup>th</sup> Street, Milwaukee, Wisconsin**

**Date: 8/7/19**

Paint Testing Results					
Sample	Room	Component	Substrate	Color	Result (% Lead)
P1	Basement	East Wall	Block	White	0.412
P2	Basement	South Wall	Block	Gray	0.00474
P3	Basement	South Wall	Block	Tan	0.00588
P4	Basement	West Wall	Block	Brown	0.00371

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <https://www.osha.gov/SLTC/lead/index.html> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

## VI. EXCLUSIONS

**Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.**

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.



## VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos and paint testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

*This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.*

## **VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST**

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

## **ASBESTOS**

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. **Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.**

## **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central)
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>N/A</u>	Refrigerators, Freezers, Chillers
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

## **LEAD**

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

## **MERCURY**

Products that may contain mercury:

## **LIGHTING**

<u>N/A</u>	Fluorescent Lights
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

## **HVAC**

Check thermostats and any control associated with air handling units for switches containing mercury.

## **HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS**

<u>N/A</u>	Old Thermostats
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

## **BOILERS, FURNACES, HEATERS AND TANKS – 2 Furnaces & 2 Water Heaters in Basement**

<u>N/A</u>	Mercury Flame Sensors by pilot lights
<u>N/A</u>	Manometers, Thermometers, Gauges
<u>N/A</u>	Pressure-trol
<u>N/A</u>	Float or Level Controls
<u>N/A</u>	Space Heaters

## **ELECTRICAL SYSTEMS – Seven Electrical Boxes in Basement, Attic, & Exterior**

<u>N/A</u>	Load Meters and Supply Relays
<u>N/A</u>	Phase Splitters
<u>N/A</u>	Microwave Relays
<u>N/A</u>	Mercury Displacement Relays

### **PCBs**

For electrical devices manufactured prior to 1987, it is safe to assume that they contain PCBs and should be managed accordingly. Most equipment manufactured after this time will say "PCB Free". The following is a list of areas in a building where PCBs may be found:

<u>N/A</u>	Transformers
<u>N/A</u>	Capacitors (appliances, electronic equipment)
<u>N/A</u>	Heat Transfer Equipment
<u>N/A</u>	Ballasts
<u>N/A</u>	Specialty Paints (such as for swimming pools or other industrial applications)
<u>N/A</u>	Sumps or Oil Traps (in maintenance and industrial facilities)

## **OTHER ENVIRONMENTAL ISSUES**

<u>N/A</u>	Hazardous Waste
<u>N/A</u>	Oil Tanks
<u>N/A</u>	Well Abandonment
<u>N/A</u>	Junk Auto Tires
<u>N/A</u>	Junk Vehicles

\* 20 Gallons Paint Basement, 1<sup>st</sup> Floor Living Room & Kitchen

## **IX. ASBESTOS LABORATORY RESULTS**



## Analysis Report

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

**Order #:** 330599

**Attn:**

**Received** 08/08/19  
**Analyzed** 08/13/19  
**Reported** 08/13/19

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3286

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

### PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
330599-001	08/07/19	1	Wisconsin		
Layer 1: Paper Beige/Black, Bituminous/Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
330599-002	08/07/19	2	Wisconsin		
Layer 1: Paper Beige/Black, Bituminous/Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
330599-003	08/07/19	3	Wisconsin		
Layer 1: Paper Beige/Black, Bituminous/Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
330599-004	08/07/19	4	Wisconsin		
Layer 1: Transite Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
330599-005	08/07/19	5	Wisconsin		
Layer 1: Transite Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
330599-006	08/07/19	6	Wisconsin		
Layer 1: Transite Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
330599-007	08/07/19	7	Wisconsin		
Layer 1: Granular Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
330599-008	08/07/19	8	Wisconsin		
Layer 1: Granular Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3286

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>330599-009</b>	08/07/19	9	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
<b>330599-010</b>	08/07/19	10	Wisconsin		
Layer 1:	Drywall			None Detected	5% CELLULOSE FIBER
	White, Powdery				95% NON FIBROUS MATERIAL
Layer 2:	Joint Compound			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
<b>330599-011</b>	08/07/19	11	Wisconsin		
Layer 1:	Drywall			None Detected	5% CELLULOSE FIBER
	White, Powdery				95% NON FIBROUS MATERIAL
Layer 2:	Joint Compound			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
<b>330599-012</b>	08/07/19	12	Wisconsin		
Layer 1:	Drywall			None Detected	5% CELLULOSE FIBER
	White, Powdery				95% NON FIBROUS MATERIAL
Layer 2:	Joint Compound			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
<b>330599-013</b>	08/07/19	13	Wisconsin		
Layer 1:	Plaster			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
Layer 2:	Textured Material			None Detected	100% NON FIBROUS MATERIAL
	Green, Granular				
<b>330599-014</b>	08/07/19	14	Wisconsin		
Layer 1:	Plaster			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
Layer 2:	Textured Material			None Detected	100% NON FIBROUS MATERIAL
	Green, Granular				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.



**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3286

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>330599-015</b>	08/07/19	15	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Textured Material Green, Granular				None Detected	100% NON FIBROUS MATERIAL
<b>330599-016</b>	08/07/19	16	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Textured Material Green, Granular				None Detected	100% NON FIBROUS MATERIAL
<b>330599-017</b>	08/07/19	17	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Textured Material Green, Granular				None Detected	100% NON FIBROUS MATERIAL
<b>330599-018</b>	08/07/19	18	Wisconsin		
Layer 1: Textured Material White, Granular				None Detected	100% NON FIBROUS MATERIAL
<b>330599-019</b>	08/07/19	19	Wisconsin		
Layer 1: Textured Material White, Granular				None Detected	100% NON FIBROUS MATERIAL
<b>330599-020</b>	08/07/19	20	Wisconsin		
Layer 1: Textured Material White, Granular				None Detected	100% NON FIBROUS MATERIAL
<b>330599-021</b>	08/07/19	21	Wisconsin		
Layer 1: Floor Tile Off White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3286

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>330599-022</b>	08/07/19	22	Wisconsin		
Layer 1:	Floor Tile			None Detected	100% NON FIBROUS MATERIAL
	Off White, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>330599-023</b>	08/07/19	23	Wisconsin		
Layer 1:	Ceramic Tile			None Detected	100% NON FIBROUS MATERIAL
	White, Hard				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>330599-024</b>	08/07/19	24	Wisconsin		
Layer 1:	Ceramic Tile			None Detected	100% NON FIBROUS MATERIAL
	Cream, Hard				
Layer 2:	Grout			None Detected	100% NON FIBROUS MATERIAL
	Gray, Hard				
<b>330599-025</b>	08/07/19	25	Wisconsin		
Layer 1:	Ceramic Tile			None Detected	100% NON FIBROUS MATERIAL
	Beige, Hard				
Layer 2:	Grout			None Detected	100% NON FIBROUS MATERIAL
	Gray, Hard				
<b>330599-026</b>	08/07/19	26	Wisconsin		
Layer 1:	Ceramic Tile			None Detected	100% NON FIBROUS MATERIAL
	Brown, Hard				
Layer 2:	Grout			None Detected	100% NON FIBROUS MATERIAL
	Gray, Hard				
<b>330599-027</b>	08/07/19	27	Wisconsin		
Layer 1:	Floor Tile			None Detected	100% NON FIBROUS MATERIAL
	Off White, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3286

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>330599-028</b>	08/07/19	28	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
<b>330599-029</b>	08/07/19	29	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
<b>330599-030</b>	08/07/19	30	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
<b>330599-031</b>	08/07/19	31	Wisconsin		
Layer 1:	Flooring			None Detected	35% CELLULOSE FIBER
	Beige/Black, Org.Bound/Fibrous				15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>330599-032</b>	08/07/19	32	Wisconsin		
Layer 1:	Ceiling Tile			None Detected	40% CELLULOSE FIBER
	Beige, Fibrous				40% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
<b>330599-033</b>	08/07/19	33	Wisconsin		
Layer 1:	Ceiling Tile			None Detected	40% CELLULOSE FIBER
	Beige, Fibrous				40% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
<b>330599-034</b>	08/07/19	34	Wisconsin		
Layer 1:	Ceiling Tile			None Detected	40% CELLULOSE FIBER
	Beige, Fibrous				40% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
<b>330599-035</b>	08/07/19	35	Wisconsin		
Layer 1:	Floor Tile			None Detected	100% NON FIBROUS MATERIAL
	Tan/Gray, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3286

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>330599-036</b>	08/07/19	36	Wisconsin		
Layer 1: Floor Tile Gray/Brown, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
<b>330599-037</b>	08/07/19	37	Wisconsin		
Layer 1: Floor Tile Gray/Brown, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
<b>330599-038</b>	08/07/19	38	Wisconsin		
Layer 1: Floor Tile Gray/Brown, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
<b>330599-039</b>	08/07/19	39	Wisconsin		
Layer 1: Floor Tile White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
<b>330599-040</b>	08/07/19	40	Wisconsin		
Layer 1: Floor Tile White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
<b>330599-041</b>	08/07/19	41	Wisconsin		
Layer 1: Granular Material Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
<b>330599-042</b>	08/07/19	42	Wisconsin		
Layer 1: Soft Material Brown, Soft				2% CHRYSOTILE	98% NON FIBROUS MATERIAL

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**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3286

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>330599-043</b>	08/07/19	43	Wisconsin		
Layer 1:	Soft Material			2% CHRYSOTILE	98% NON FIBROUS MATERIAL
	Brown, Soft				
<b>330599-044</b>	08/07/19	44	Wisconsin		
Layer 1:	Soft Material			2% CHRYSOTILE	98% NON FIBROUS MATERIAL
	Brown, Soft				
<b>330599-045</b>	08/07/19	45	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>330599-046</b>	08/07/19	46	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>330599-047</b>	08/07/19	47	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>330599-048</b>	08/07/19	48	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>330599-049</b>	08/07/19	49	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>330599-050</b>	08/07/19	50	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>330599-051</b>	08/07/19	51	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3286

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
330599-052	08/07/19	52	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
330599-053	08/07/19	53	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
330599-054	08/07/19	54	Wisconsin		
Layer 1:	Floor Tile			None Detected	100% NON FIBROUS MATERIAL
	Gray, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
330599-055	08/07/19	55	Wisconsin		
Layer 1:	Hard Material			None Detected	100% NON FIBROUS MATERIAL
	Gray, Hard				

**EPA Regulatory Limit: 1%****Total layers analyzed on order: 78**Analyst **Mohammed Hashim**

330599-08/13/19 04:43 PM

Reviewed By: **Irma Faszewski**  
QAQC Director

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

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<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenviromenmtal.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.3286				
<b>Collected By</b>					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days  * not available for all tests ** past 3 PM the TAT will begin next business day  Please schedule rush tests in advance	<input type="checkbox"/> Air	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
	<input type="checkbox"/> Paint	<input checked="" type="checkbox"/> PLM	<input type="checkbox"/> Lead	<input type="checkbox"/> Lead	<input type="checkbox"/> BACT (MPN/PA)
	<input type="checkbox"/> Soil	<input type="checkbox"/> PLM Qualitative	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> Mold Direct Exam
	<input type="checkbox"/> Wipe	<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Chromium VI	<input type="checkbox"/> Full TCLP (w/ organics 10 Day)	<input type="checkbox"/> Allergens
	<input checked="" type="checkbox"/> Bulk	<input type="checkbox"/> 1000 Point Count	<input type="checkbox"/> Mercury		
<input type="checkbox"/> Waste Water	<input type="checkbox"/> Gravimetric Prep				
<input type="checkbox"/> Ground Water	<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<b>Sub-Contract</b>	
<input type="checkbox"/> Drinking Water	<input type="checkbox"/> PCM	<input type="checkbox"/> Total Dust NIOSH 0500	<input type="checkbox"/> Silica FTIR (7602)	<input type="checkbox"/> TEM Chatfield	
<input type="checkbox"/> TSP / PM10	<input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/>	<input type="checkbox"/> TEM AHERA	
<input type="checkbox"/>				<input type="checkbox"/> TEM 7402	
				<input type="checkbox"/> Silica XRD (7500)	

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start Stop	Flow Rate <sup>3</sup> Start Stop	Total Air <sup>4</sup>
1	8/7/19						
2							
3							
4							
5							
6							
7							
8							
9							
10							

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By:

Dean Jacobsen

Signature:

Date/Time

8/7/19 1700

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<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert. Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenviromenmtal.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.3286				
<b>Collected By</b>					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/>	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/>	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/>	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
11	8/7/19								
12									
13									
14									
15									
16									
17									
18									
19									
20									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 8/7/19 1200

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Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3286				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/>	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/>	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/>	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start	Time <sup>2</sup> Stop	Flow Rate <sup>3</sup> Start	Flow Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
21	8/7/19								
22									
23									
24									
25									
26									
27									
28									
29									
30									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By:

Dean Jacobsen

Signature:

*[Signature]*

Date/Time

8/7/19 1700

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Submitting Co.	Harendra Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3286				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start	Time <sup>2</sup> Stop	Flow Rate <sup>3</sup> Start	Flow Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
31	8/7/19								
32									
33									
34									
35									
36									
37									
38									
39									
40									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By:

Dean Jacobsen

Signature:

*[Signature]*

Date/Time

8/7/19/20

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Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3286				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start	Time <sup>2</sup> Stop	Flow Rate <sup>3</sup> Start	Flow Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
41	8/7/0								
42									
43									
44									
45									
46									
47									
48									
49									
50									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By:

Dean Jacobsen

Signature:

Dean Jacobsen

Date/Time

8/7/19 1200

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**

**SCHNEIDER LABORATORIES GLOBAL, INC.**

2512 West Cary Street, Richmond, Virginia 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475  
www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3286				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/>	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/>	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/>	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start Stop	Flow Rate <sup>3</sup> Start Stop	Total Air <sup>4</sup>
51	8/7/19						
52							
53							
54							
55							

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By:

Signature:

Date/Time

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**



## Analysis Report

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

**Order #:** 331518

**Attn:**

**Received** 08/14/19  
**Analyzed** 08/14/19  
**Reported** 08/19/19

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3286

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 with Point Count **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
331518-001	08/07/19	42	Wisconsin		
Layer 1: Soft Material Brown, Soft, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
331518-002	08/07/19	43	Wisconsin		
Layer 1: Soft Material Brown, Soft, Homogenous				0.75% CHRYSOTILE	99.25% NON FIBROUS MATERIAL
331518-003	08/07/19	44	Wisconsin		
Layer 1: Soft Material Brown, Soft, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%

Total layers analyzed on order: 3

Analyst **Mohammed Hashim**

331518-08/19/19 04:56 PM

Reviewed By: **Irma Faszewski**  
QAQC Director

Reporting limit: 0.25% Samples analyzed by the EPA Point Count test method. The EPA recommends that any vermiculite sample with a trace (<1) or greater amount of asbestos is a concern and should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the lab, and must not be used to claim NVLAP or other government agency endorsement. The test results reported relate only to the samples submitted.

UPS

## **X. LEAD LABORATORY RESULTS**



## Analysis Report

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

**Order #:** 330594

**Matrix** Paint  
**Received** 08/08/19  
**Analyzed** 08/08/19  
**Reported** 08/08/19

**Attn:**

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3286

**PO Number:**

Sample ID	Cust. Sample ID	Location	Sample Date	Weight			
Parameter		Method		Total µg	% / Wt.	Conc.	RL*
330594-001	P1	Wisconsin	08/07/19	326 mg			
Lead		EPA 7000B		1340 µg	0.412 %	4120 mg/kg	153 mg/kg
330594-002	P2	Wisconsin	08/07/19	313 mg			
Lead		EPA 7000B		14.8 µg	0.00474 %	47.4 mg/kg	31.9 mg/kg
330594-003	P3	Wisconsin	08/07/19	315 mg			
Lead		EPA 7000B		18.5 µg	0.00588 %	58.8 mg/kg	31.7 mg/kg
330594-004	P4	Wisconsin	08/07/19	350 mg			
Lead		EPA 7000B		13.0 µg	0.00371 %	37.1 mg/kg	28.6 mg/kg

**Analyst:** DLJ

**330594-08/08/19 03:20 PM**

*Jennifer Lee*  
Reviewed By: **Jennifer Lee**  
Manager

### Federal Lead Paint Statute

Location	Clearance	Unit
Lead in paint by weight	< 0.50	%
Lead in paint as PPM	< 5000	mg/kg

Minimum reporting limit: 10.0 µg. All internal QC parameters were met. Unusual sample conditions, if any, are described. Do not reproduce this report except in full. Values are reported to three significant figures. PPM = mg/kg | PPB = µg/kg. The test results reported relate only to the samples submitted. AIHA-LAP, LLC accredited for Lead (Lab ID 100527).

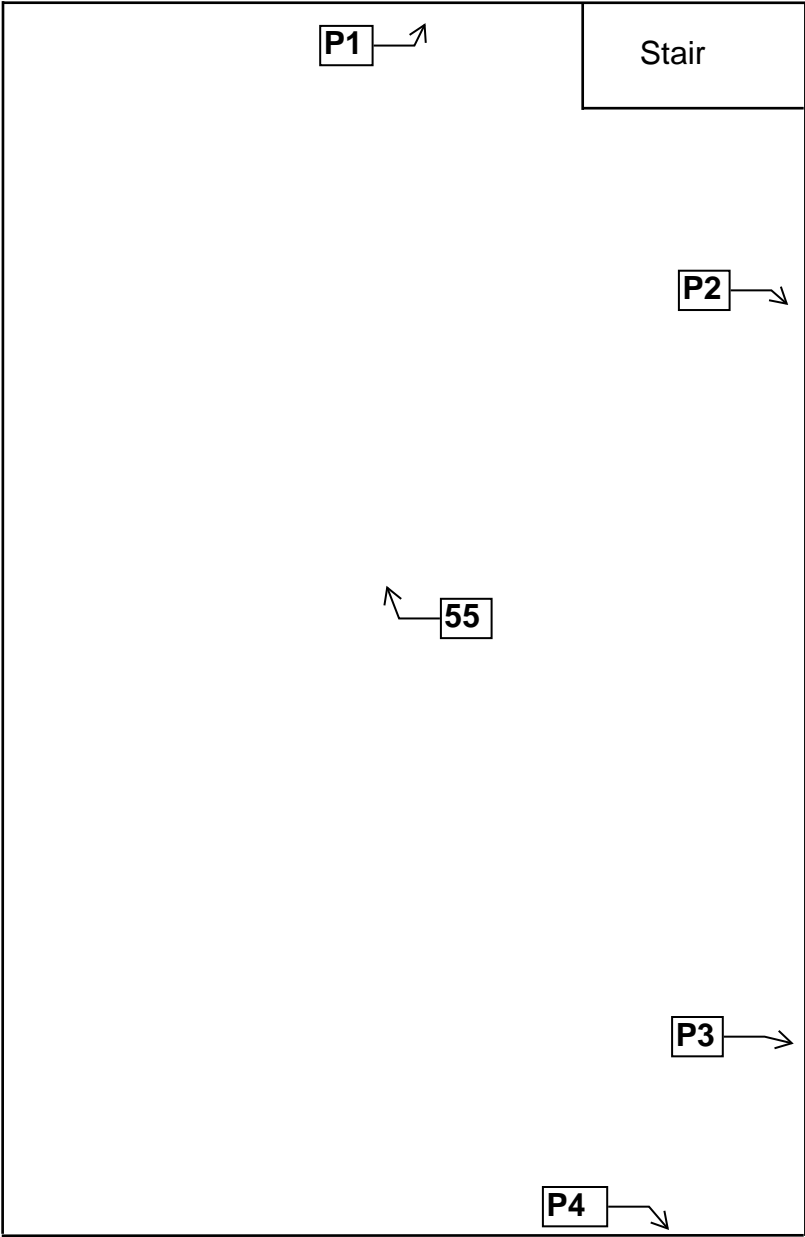




## **XI. FLOOR PLANS**

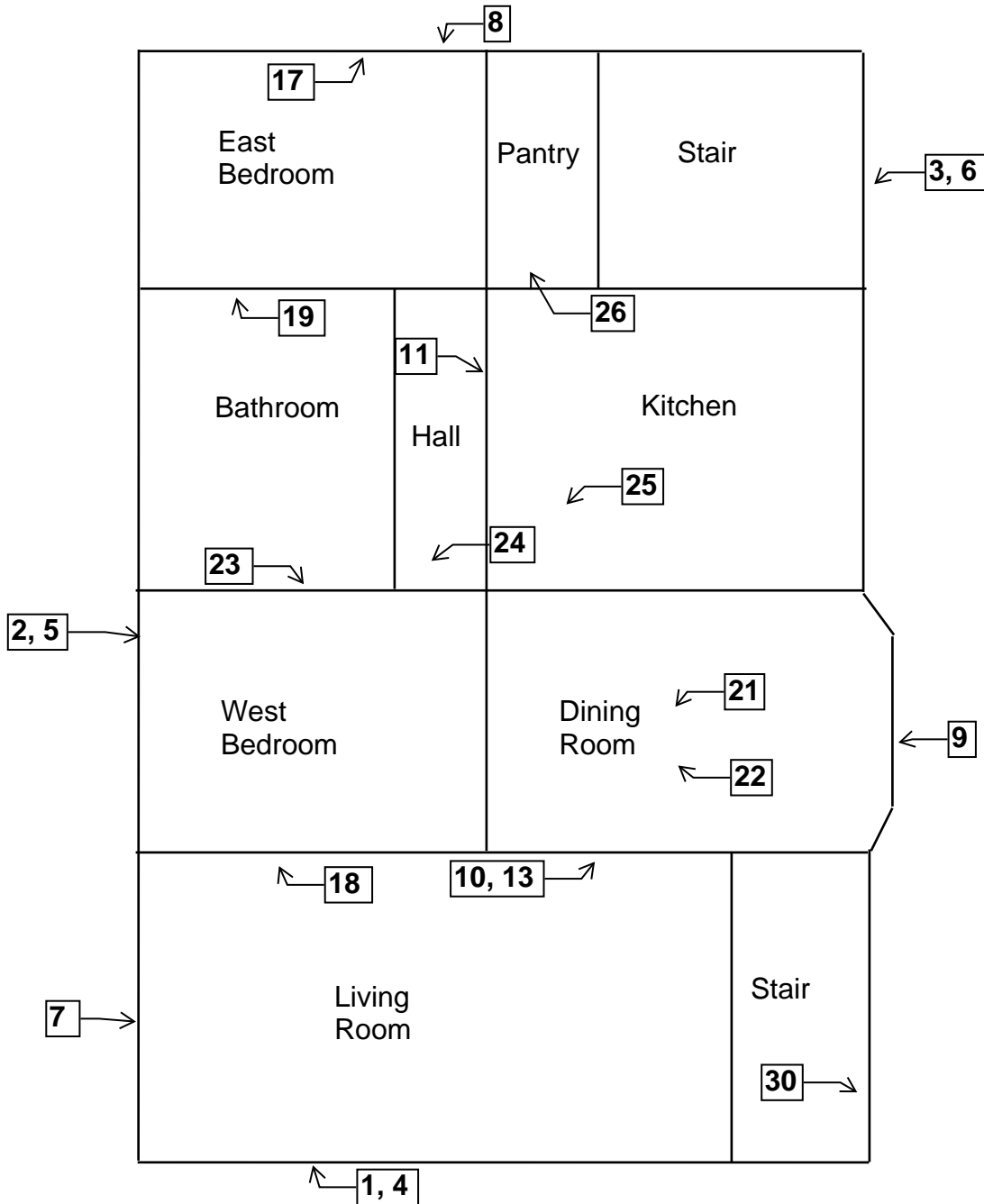
Two Family Dwelling  
3286 North 25th Street  
Milwaukee, Wisconsin

Basement Floor Plan



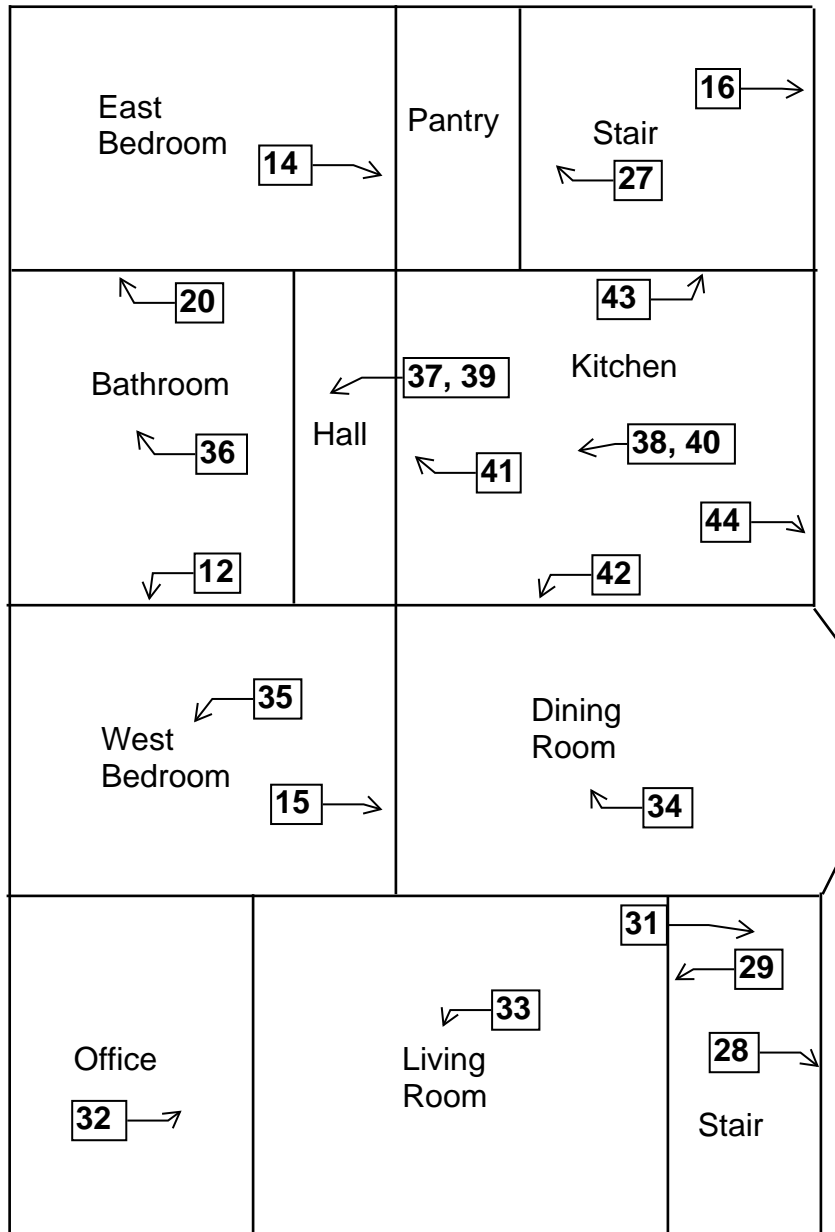
**Two Family Dwelling  
3286 North 25th Street  
Milwaukee, Wisconsin**

1st Floor Plan



**Two Family Dwelling  
3286 North 25th Street  
Milwaukee, Wisconsin**

2nd Floor Plan

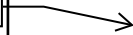


**Two Family Dwelling  
3286 North 25th Street  
Milwaukee, Wisconsin**

Roof Floor Plan



47, 50, 53



45, 48, 51



46, 49, 52



## **XII. HMG CERTIFICATION**



# Company Certificate

This certifies that

**HARENDA MANAGEMENT GROUP**

1237 W BRUCE ST  
MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

**Asbestos Company -- Primary**

Certificate Issue Date: 07/23/2019  
Expiration Date: 08/31/2021, 12:01 a.m.  
Certification #: CAP-480540

Wisconsin Department of Health Services  
Division of Public Health  
Bureau of Environmental and Occupational Health  
Asbestos & Lead Section  
PO Box 2659  
Madison WI 53701-2659  
Phone: (608) 261-6876



*Miriam Hasan*  
Miriam Hasan, Unit Supervisor



Tony Evers  
Governor

Andrea Palm  
Secretary



**State of Wisconsin**  
Department of Health Services

**DIVISION OF PUBLIC HEALTH**

1 WEST WILSON STREET

P O BOX 2659  
MADISON WI 53701-2659

Telephone: 608 266-1251  
FAX: 608 267-2832  
TTY: 888-701-1253  
dhs.wisconsin.gov

February 5, 2019

DAMIAN SCOTT ROGOWSKI  
3536 COUNTY ROAD H  
FRANKSVILLE WI 53126-9211

ID# AII-161300

**Congratulations!** Your new Wisconsin certification card is enclosed. Please look it over and call us right away if anything on your blue card is wrong.

**Follow Wisconsin law by making sure that you:**

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing [DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov), by using our Lead and Asbestos Online Certification website, [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo), or by mailing a note to:  
  
Lead and Asbestos Section  
1 W. Wilson St., Room 137  
P.O. Box 2659  
Madison WI 53701-2659
4. Take refresher training well before the "Training due by" date printed on your blue card.
  - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.  
Find asbestos training providers at [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
  - o Lead-certified individuals can refresh up to **1 year** before the due date.  
Find lead training providers at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead).
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead) or [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you protect your professional responsibility. Contact us if you have questions below and on the back of your blue card.

The Lead and Asbestos Certification Program  
(608) 261-6876  
[DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov)  
[www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos)  
[www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead)

**COPY**





## **DECONSTRUCTION INSPECTION REPORT**

### **Job Site:**

**Two Family Dwelling  
3133 North 27<sup>th</sup> Street  
Milwaukee, Wisconsin**

### **For:**

City of Milwaukee  
Department of Neighborhood Services  
Attn: Marge Piwaron  
841 North Broadway 1<sup>st</sup> Floor  
Milwaukee, Wisconsin 53202-3613

**HMG Report No.: 19-400-037.3133  
Inspector: Damian Rogowski  
Contract No.: 360-19-0975**

### **Prepared by:**

**HARENDA MANAGEMENT GROUP**  
1237 West Bruce Street  
Milwaukee, Wisconsin 53204  
(414) 383-4800

**December 2019**

**Signature Page**  
Deconstruction Inspection Report  
Two Family Dwelling  
3133 North 27<sup>th</sup> Street  
Milwaukee, Wisconsin



---

Dean Jacobsen  
Asbestos Inspector No. AII – 14370  
Expiration Date: 12/2/20  
Harenda Management Group



---

Damian Rogowski  
Asbestos Inspector No. AII – 161300  
Expiration Date: 3/19/20  
Harenda Management Group

December 27, 2019

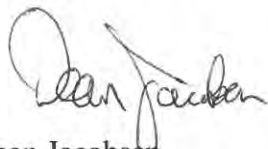
City of Milwaukee  
Department of Neighborhood Services  
Attn: Marge Piwaron  
841 North Broadway 1<sup>st</sup> Floor  
Milwaukee, Wisconsin 53202-3613

RE: Deconstruction Inspection Report  
3133 North 27<sup>th</sup> Street  
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection two family dwelling at 3133 North 27<sup>th</sup> Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

**HARENDA MANAGEMENT GROUP**



Dean Jacobson  
Asbestos Inspector No. AII – 14370

## **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection of the two family dwelling at 3133 North 27<sup>th</sup> Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in basement duct wrap and 1<sup>st</sup> and 2<sup>nd</sup> floor linoleum sampled during the inspection. Asbestos was detected at less than 1% in window glazing compound, exterior caulk, and 2<sup>nd</sup> floor floor tile, as verified by point count analysis. Results are in Section IV of this report.

Lead was detected in paint on the interior basement walls and exterior porch. Results are in Section V of this report.

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## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling at 3133 North 27<sup>th</sup> Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. It has vinyl and wood walls with asphalt roofing.

## II. ASBESTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

**On December 16, 2019, HMG conducted an asbestos inspection and lead inspection of a two family dwelling, scheduled for deconstruction, located at 3133 North 27<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Damian Rogowski, Wisconsin License No. AII – 161300, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.
4. Sampling of suspect lead painted masonry surfaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Paper Insulation
- Window glazing compound
- Stucco
- Caulk
- Plaster
- Blown in insulation
- Linoleum
- Floor tile
- Duct wrap
- Flue packing
- Asphalt shingle siding
- Asphalt roofing

- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

### III. ASBESTOS LABORATORY

#### A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

### IV. ASBESTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – west wall under foam – brown paper insulation	Negative	MPIn
2	Exterior – south wall under foam – brown paper insulation	Negative	MPIn
3	Exterior – east wall under foam – brown paper insulation	Negative	MPIn
4	Basement – on west window – glazing compound	Positive 2% Chrysotile	MPG
4	Point Count Result	Trace 0.5% Chrysotile	MPG
5	1 <sup>st</sup> floor – on south window – glazing compound	Positive 2% Chrysotile	MPG
5	Point Count Result	Trace 0.75% Chrysotile	MPG
6	1 <sup>st</sup> floor – on east window – glazing compound	Positive 2% Chrysotile	MPG
6	Point Count Result	Trace 0.5% Chrysotile	MPG



Sample #	Location and Description	Results	Homogeneous Code
7	Exterior – east wall under vinyl siding – silver paper insulation	Negative	MPIs
8	Exterior – south wall under vinyl siding – silver paper insulation	Negative	MPIs
9	Exterior – east wall under vinyl siding – silver paper insulation	Negative	MPIs
10	Exterior – on basement east wall – stucco	Negative	STC
11	Exterior – on basement east wall – stucco	Negative	STC
12	Exterior – on basement east wall – stucco	Negative	STC
13	Exterior – on southeast basement wall – tan caulk	Positive 2% Chrysotile	MCLKt
13	Point Count Result	Trace 0.5% Chrysotile	MCLKt
14	1 <sup>st</sup> floor – south center wall – plaster	Negative	SPI
15	1 <sup>st</sup> floor – front stair – north wall – plaster	Negative	SPI
16	1 <sup>st</sup> floor – rear stair – center wall – plaster	Negative	SPI
17	1 <sup>st</sup> floor – in south wall – blown in insulation	Negative	MBI
18	2 <sup>nd</sup> floor – in northwest wall – blown in insulation	Negative	MBI
19	Attic – on stair – blown in insulation	Negative	MBI
20a	1 <sup>st</sup> floor – west center top layer – tan and yellow linoleum	Negative	MFLtl
20b	1 <sup>st</sup> floor – west center top layer – under tan and yellow linoleum – tan mastic	Negative	MFLtl
21a	1 <sup>st</sup> floor – northwest top layer – tan and yellow linoleum	Negative	MFLtl
21b	1 <sup>st</sup> floor – northwest top layer – under tan and yellow linoleum – tan mastic	Negative	MFLtl
22a	1 <sup>st</sup> floor – north center top layer – tan and yellow linoleum	Negative	MFLtl
22b	1 <sup>st</sup> floor – north center top layer – under tan and yellow linoleum – tan mastic	Negative	MFLtl
23a	1 <sup>st</sup> floor – west center 3 <sup>rd</sup> layer – 12” white and blue floor tile	Negative	MF12wb
23b	1 <sup>st</sup> floor – west center 3 <sup>rd</sup> layer – under 12” white and blue floor tile – tan mastic	Negative	MF12wb
24a	1 <sup>st</sup> floor – northwest 3 <sup>rd</sup> layer – 12” white and blue floor tile	Negative	MF12wb
24b	1 <sup>st</sup> floor – northwest 3 <sup>rd</sup> layer – under 12” white and blue floor tile – tan mastic	Negative	MF12wb
25a	1 <sup>st</sup> floor – south center 3 <sup>rd</sup> layer – 12” white and blue floor tile	Negative	MF12wb
25b	1 <sup>st</sup> floor – south center 3 <sup>rd</sup> layer – under 12” white and blue floor tile – tan mastic	Negative	MF12wb
26a	1 <sup>st</sup> floor – west center 4 <sup>th</sup> layer – yellow linoleum	Negative	MFLl
26b	1 <sup>st</sup> floor – west center 4 <sup>th</sup> layer – under yellow linoleum – tan mastic	Negative	MFLl
27a	1 <sup>st</sup> floor – northwest 4 <sup>th</sup> layer – yellow linoleum	Negative	MFLl
27b	1 <sup>st</sup> floor – northwest 4 <sup>th</sup> layer – under yellow linoleum – tan mastic	Negative	MFLl
28a	1 <sup>st</sup> floor – south center 4 <sup>th</sup> layer – yellow linoleum	Negative	MFLl
28b	1 <sup>st</sup> floor – south center 4 <sup>th</sup> layer – under yellow linoleum – tan mastic	Negative	MFLl
29a	1 <sup>st</sup> floor – west center 5 <sup>th</sup> layer – white and brown linoleum	Positive 20% Chrysotile	MFLwn
29b	1 <sup>st</sup> floor – west center 5 <sup>th</sup> layer – under white and brown linoleum – tan mastic	Negative	MFLwn
30a	1 <sup>st</sup> floor – northwest 5 <sup>th</sup> layer – white and brown linoleum	Positive 20% Chrysotile	MFLwn

Sample #	Location and Description	Results	Homogeneous Code
30b	1 <sup>st</sup> floor – northwest 5 <sup>th</sup> layer – under white and brown linoleum – tan mastic	Negative	MFLwn
<b>31a</b>	<b>1<sup>st</sup> floor – south center 5<sup>th</sup> layer – white and brown linoleum</b>	<b>Positive 20% Chrysotile</b>	<b>MFLwn</b>
31b	1 <sup>st</sup> floor – south center t 5 <sup>th</sup> layer – under white and brown linoleum – tan mastic	Negative	MFLwn
32a	1 <sup>st</sup> floor – west center 6 <sup>th</sup> layer – 9” brown and green floor tile	Negative	MF9ng
32b	1 <sup>st</sup> floor – west center 6 <sup>th</sup> layer – under 9” brown and green floor tile – tan mastic	Negative	MF9ng
33a	1 <sup>st</sup> floor – northwest 6 <sup>th</sup> layer – 9” brown and green floor tile	Negative	MF9ng
33b	1 <sup>st</sup> floor – northwest 6 <sup>th</sup> layer – under 9” brown and green floor tile – tan mastic	Negative	MF9ng
<b>34a</b>	<b>1<sup>st</sup> floor – south center 6<sup>th</sup> layer – beige and black linoleum</b>	<b>Positive 20% Chrysotile</b>	<b>MFLek</b>
34b	1 <sup>st</sup> floor – south center 6 <sup>th</sup> layer – under beige and black linoleum – tan mastic	Negative	MFLek
<b>35</b>	<b>Basement – on northwest duct – duct wrap</b>	<b>Positive 20% Chrysotile</b>	<b>TDW</b>
<b>36</b>	<b>Basement – on southwest duct – duct wrap</b>	<b>Positive 60% Chrysotile</b>	<b>TDW</b>
<b>37</b>	<b>Basement – on northeast duct – duct wrap</b>	<b>Positive 60% Chrysotile</b>	<b>TDW</b>
38	Basement – on chimney – flue packing	Negative	TFP
39a	Exterior – attic level east wall – green asphalt shingle siding	Negative	MSSg
39b	Exterior – attic level east wall – under green asphalt shingle siding – tar layer	Negative	MSSg
39c	Exterior – attic level east wall – under tar layer – fiber layer	Negative	MSSg
40a	Exterior – attic level south wall – green asphalt shingle siding	Negative	MSSg
40b	Exterior – attic level south wall – under green asphalt shingle siding – tar layer	Negative	MSSg
40c	Exterior – attic level south wall – under tar layer – fiber layer	Negative	MSSg
41a	Exterior – attic level west wall – green asphalt shingle siding	Negative	MSSg
41b	Exterior – attic level west wall – under green asphalt shingle siding – tar layer	Negative	MSSg
41c	Exterior – attic level west wall – under tar layer – fiber layer	Negative	MSSg
42	Roof – southwest – black asphalt shingle	Negative	MRSk
43	Roof – northeast – black asphalt shingle	Negative	MRSk
44	Roof – southeast – black asphalt shingle	Negative	MRSk
45a	2 <sup>nd</sup> floor – west center top layer – 12” tan floor tile	Negative	MF12t
45b	2 <sup>nd</sup> floor – west center top layer – under 12” tan floor tile – tan mastic	Negative	MF12t
46a	2 <sup>nd</sup> floor – south center top layer – 12” tan floor tile	Negative	MF12t
46b	2 <sup>nd</sup> floor – south center top layer – under 12” tan floor tile – tan mastic	Negative	MF12t
46c	2 <sup>nd</sup> floor – south center 2 <sup>nd</sup> layer – beige linoleum	Negative	MFLe
46d	2 <sup>nd</sup> floor – south center 2 <sup>nd</sup> layer – under beige linoleum – tan mastic	Negative	MFLe
47a	2 <sup>nd</sup> floor – north center top layer – 12” tan floor tile	Negative	MF12t
47b	2 <sup>nd</sup> floor – north center top layer – under 12” tan floor tile – tan mastic	Negative	MF12t

Sample #	Location and Description	Results	Homogeneous Code
48a	2 <sup>nd</sup> floor – west center 2 <sup>nd</sup> layer – yellow and brown linoleum	Positive 20% Chrysotile	MFLIn
48b	2 <sup>nd</sup> floor – west center 2 <sup>nd</sup> layer – under yellow and brown linoleum – tan mastic	Negative	MFLIn
49a	2 <sup>nd</sup> floor – south center 3 <sup>rd</sup> layer – yellow and brown linoleum	Positive 20% Chrysotile	MFLIn
49b	2 <sup>nd</sup> floor – south center 3 <sup>rd</sup> layer – under yellow and brown linoleum – tan mastic	Negative	MFLIn
50a	2 <sup>nd</sup> floor – north center 2 <sup>nd</sup> layer – yellow and brown linoleum	Positive 20% Chrysotile	MFLIn
50b	2 <sup>nd</sup> floor – north center 2 <sup>nd</sup> layer – under yellow and brown linoleum – tan mastic	Negative	MFLIn
51a	2 <sup>nd</sup> floor – west center 3 <sup>rd</sup> layer – 12” tan/brown/beige floor tile	Positive 2% Chrysotile	MF12tne
51a	Point Count Result	Trace 0.25% Chrysotile	MF12tne
51b	2 <sup>nd</sup> floor – south center 4 <sup>th</sup> layer – under 12” tan/brown/beige floor tile – tan mastic	Negative	MF12tne
52a	2 <sup>nd</sup> floor – south center 4 <sup>th</sup> layer – 12” tan/brown/beige floor tile	Positive 2% Chrysotile	MF12tne
52a	Point Count Result	Trace 0.5% Chrysotile	MF12tne
52b	2 <sup>nd</sup> floor – south center 4 <sup>th</sup> layer – under 12” tan/brown/beige floor tile – tan mastic	Negative	MF12tne
53a	2 <sup>nd</sup> floor – north center 3 <sup>rd</sup> layer – 12” tan/brown/beige floor tile	Positive 2% Chrysotile	MF12tne
53a	Point Count Result	Trace 0.5% Chrysotile	MF12tne
53b	2 <sup>nd</sup> floor – north center 4 <sup>th</sup> layer – under 12” tan/brown/beige floor tile – tan mastic	Negative	MF12tne
54a	2 <sup>nd</sup> floor – west center 4 <sup>th</sup> layer – tan and brown linoleum	Negative	MFLtn
54b	2 <sup>nd</sup> floor – west center 4 <sup>th</sup> layer – under tan and brown linoleum – tan mastic	Negative	MFLtn
55a	2 <sup>nd</sup> floor – south center 4 <sup>th</sup> layer – tan and brown linoleum	Negative	MFLtn
55b	2 <sup>nd</sup> floor – south center 4 <sup>th</sup> layer – under tan and brown linoleum – tan mastic	Negative	MFLtn
56a	2 <sup>nd</sup> floor – north center 4 <sup>th</sup> layer – tan and brown linoleum	Negative	MFLtn
56b	2 <sup>nd</sup> floor – north center 4 <sup>th</sup> layer – under tan and brown linoleum – tan mastic	Negative	MFLtn

Four (4) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Duct Wrap	TDW	Basement Ducts	10 SF	Friable
White & Brown Linoleum	MFLwn	1 <sup>st</sup> Floor 5 <sup>th</sup> Layer, Above Floor Tile	250 SF	Friable
Beige & Black Linoleum	MFLek	1 <sup>st</sup> Floor South Center Bottom Layer	120 SF	Friable
Yellow & Brown Linoleum	MFLIn	2 <sup>nd</sup> Floor 2 <sup>nd</sup> /3 <sup>rd</sup> Layer, Under Floor Tile	250 SF	Friable

**Note #1:** The ACMs listed above are friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that these materials be abated prior to deconstruction.

**Note#2:** If additional materials are discovered during deconstruction that are not listed above they are to be assumed to be asbestos containing.

**Note#3:** A copy of this report should be transmitted to the deconstruction contractor.

**Note#4:** Additional duct wrap may be within walls and ceilings.

#### **Homogeneous Material Codes**

SPI	Plaster
STC	Stucco
MPIn	Brown Paper Insulation
MPIs	Silver Paper Insulation
MPG	Window Glazing Compound
MCLKt	Tan Caulk
MBI	Blown in Insulation
MFLtl	Tan & Yellow Linoleum
MFLl	Yellow Linoleum
MFLwn	White & brown Linoleum
MFLek	Beige & Black Linoleum
MFLln	Yellow & Brown Linoleum
MFLc	Beige Linoleum
MFLtn	Tan & Brown Linoleum
MF12wb	12" White & Blue Floor Tile
MF12t	12" Tan Floor Tile
MF12tne	12" Tan/Brown/Beige Floor Tile
MF9ng	9" Brown & Green Floor Tile
MSSg	Green Asphalt Shingle Siding
MRSk	Black Asphalt Roof Shingle
MRSrg	Red & Green Asphalt Shingle
TDW	Duct Wrap
TFP	Flue Packing

## **V. LEAD PAINT INSPECTION**

### **A. Methods**

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling at 3133 North 27<sup>th</sup> Street, Milwaukee, Wisconsin, took place on December 16, 2019. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

## B. Component Testing Results

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section X.

### Interior: 3133 North 27<sup>th</sup> Street, Milwaukee, Wisconsin

- Painted masonry was observed on the interior block walls. Lead based paint was not detected.

### Exterior: 3133 North 27<sup>th</sup> Street, Milwaukee, Wisconsin

- Painted masonry was observed on the exterior porch. Lead based paint was not detected.

The following are the laboratory results.

**Site: 3133 North 27<sup>th</sup> Street, Milwaukee, Wisconsin**

**Date: 12/16/19**

Paint Testing Results					
Sample	Room	Component	Substrate	Color	Result (% Lead)
P01	Exterior	East Porch	Block	White	0.0174
P02	Basement	North Wall	Block	Yellow	0.0792

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <https://www.osha.gov/SLTC/lead/index.html> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

## VI. EXCLUSIONS

**Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.**

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

## VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos and paint testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

*This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.*

## **VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST**

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

## **ASBESTOS**

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. **Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.**

## **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central)
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>N/A</u>	Refrigerators, Freezers, Chillers
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

## **LEAD**

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.



## **MERCURY**

Products that may contain mercury:

## **LIGHTING**

<u>N/A</u>	Fluorescent Lights
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

## **HVAC**

Check thermostats and any control associated with air handling units for switches containing mercury.

## **HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS**

<u>N/A</u>	Old Thermostats
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

## **BOILERS, FURNACES, HEATERS AND TANKS – 2 Furnaces & 2 Water Heaters in Basement**

<u>N/A</u>	Mercury Flame Sensors by pilot lights
<u>N/A</u>	Manometers, Thermometers, Gauges
<u>N/A</u>	Pressure-trol
<u>N/A</u>	Float or Level Controls
<u>N/A</u>	Space Heaters

## **ELECTRICAL SYSTEMS – 1 Electrical Box in Basement**

<u>N/A</u>	Load Meters and Supply Relays
<u>N/A</u>	Phase Splitters
<u>N/A</u>	Microwave Relays
<u>N/A</u>	Mercury Displacement Relays

### **PCBs**

For electrical devices manufactured prior to 1987, it is safe to assume that they contain PCBs and should be managed accordingly. Most equipment manufactured after this time will say "PCB Free". The following is a list of areas in a building where PCBs may be found:

<u>N/A</u>	Transformers
<u>N/A</u>	Capacitors (appliances, electronic equipment)
<u>N/A</u>	Heat Transfer Equipment
<u>N/A</u>	Ballasts
<u>N/A</u>	Specialty Paints (such as for swimming pools or other industrial applications)
<u>N/A</u>	Sumps or Oil Traps (in maintenance and industrial facilities)

## **OTHER ENVIRONMENTAL ISSUES**

<u>N/A</u>	Hazardous Waste
<u>N/A</u>	Oil Tanks
<u>N/A</u>	Well Abandonment
<u>N/A</u>	Junk Auto Tires
<u>N/A</u>	Junk Vehicles

\* 2 Gas Meters & 50 Gallons Paint in Basement

## **IX. ASBESTOS LABORATORY RESULTS**



## Analysis Report

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

**Order #:** 351512

**Received** 12/17/19  
**Analyzed** 12/17/19  
**Reported** 12/18/19

**Attn:**

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3133

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

### PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
351512-001	12/16/19	1	Wisconsin		
Layer 1: Paper Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
351512-002	12/16/19	2	Wisconsin		
Layer 1: Paper Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
351512-003	12/16/19	3	Wisconsin		
Layer 1: Paper Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
351512-004	12/16/19	4	Wisconsin		
Layer 1: Granular Material Beige/Green, Granular				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
351512-005	12/16/19	5	Wisconsin		
Layer 1: Granular Material Beige/Green, Granular				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
351512-006	12/16/19	6	Wisconsin		
Layer 1: Granular Material Beige/Green, Granular				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
351512-007	12/16/19	7	Wisconsin		
Layer 1: Paper Black/Silver, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
351512-008	12/16/19	8	Wisconsin		
Layer 1: Paper Black/Silver, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3133

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>351512-009</b>	12/16/19	9	Wisconsin		
Layer 1: Paper Black/Silver, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
<b>351512-010</b>	12/16/19	10	Wisconsin		
Layer 1: Hard Material Beige, Hard				None Detected	100% NON FIBROUS MATERIAL
<b>351512-011</b>	12/16/19	11	Wisconsin		
Layer 1: Hard Material Beige, Hard				None Detected	100% NON FIBROUS MATERIAL
<b>351512-012</b>	12/16/19	12	Wisconsin		
Layer 1: Hard Material Beige, Hard				None Detected	100% NON FIBROUS MATERIAL
<b>351512-013</b>	12/16/19	13	Wisconsin		
Layer 1: Granular Material Beige, Granular				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
<b>351512-014</b>	12/16/19	14	Wisconsin		
Layer 1: Hard Material Beige, Hard				None Detected	100% NON FIBROUS MATERIAL
<b>351512-015</b>	12/16/19	15	Wisconsin		
Layer 1: Hard Material Beige/Black, Hard				None Detected	100% NON FIBROUS MATERIAL
<b>351512-016</b>	12/16/19	16	Wisconsin		
Layer 1: Hard Material Beige, Hard				None Detected	100% NON FIBROUS MATERIAL
<b>351512-017</b>	12/16/19	17	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
<b>351512-018</b>	12/16/19	18	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3133

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>351512-019</b>	12/16/19	19	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
<b>351512-020</b>	12/16/19	20	Wisconsin		
Layer 1: Tile Beige, Organically Bound				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
<b>351512-021</b>	12/16/19	21	Wisconsin		
Layer 1: Tile Beige, Organically Bound				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
<b>351512-022</b>	12/16/19	22	Wisconsin		
Layer 1: Tile Cream, Organically Bound				None Detected	3% CELLULOSE FIBER 97% NON FIBROUS MATERIAL
Layer 2: Mastic Brown, Soft				None Detected	100% NON FIBROUS MATERIAL
<b>351512-023</b>	12/16/19	23	Wisconsin		
Layer 1: Tile Off White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
<b>351512-024</b>	12/16/19	24	Wisconsin		
Layer 1: Tile White/Blue, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3133

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>351512-025</b>	12/16/19	25	Wisconsin		
Layer 1: Tile Off White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
<b>351512-026</b>	12/16/19	26	Wisconsin		
Layer 1: Tile Beige, Org.Bound/Fibrous				None Detected	40% MINERAL/GLASS WOOL 60% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
<b>351512-027</b>	12/16/19	27	Wisconsin		
Layer 1: Tile Tan, Org.Bound/Fibrous				None Detected	40% MINERAL/GLASS WOOL 60% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2: Mastic Brown, Brittle				None Detected	100% NON FIBROUS MATERIAL
<b>351512-028</b>	12/16/19	28	Wisconsin		
Layer 1: Tile Tan, Org.Bound/Fibrous				None Detected	40% MINERAL/GLASS WOOL 60% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
<b>351512-029</b>	12/16/19	29	Wisconsin		
Layer 1: Tile Beige, Org.Bound/Fibrous				20% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3133

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>351512-030</b>	12/16/19	30	Wisconsin		
Layer 1: Tile				20% CHRYSOTILE	20% CELLULOSE FIBER
Beige, Org.Bound/Fibrous					10% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2: Mastix				None Detected	100% NON FIBROUS MATERIAL
Tan, Soft					
<b>351512-031</b>	12/16/19	31	Wisconsin		
Layer 1: Tile				20% CHRYSOTILE	20% CELLULOSE FIBER
Beige, Org.Bound/Fibrous					10% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2: Mastix				None Detected	100% NON FIBROUS MATERIAL
Tan, Soft					
<b>351512-032</b>	12/16/19	32	Wisconsin		
Layer 1: Tile				None Detected	35% CELLULOSE FIBER
Green/Black, Org.Bound/Fibrous					15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2: Mastix				None Detected	100% NON FIBROUS MATERIAL
Tan, Soft					
<b>351512-033</b>	12/16/19	33	Wisconsin		
Layer 1: Tile				None Detected	35% CELLULOSE FIBER
Green/Black, Org.Bound/Fibrous					15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2: Mastix				None Detected	100% NON FIBROUS MATERIAL
Tan, Soft					
<b>351512-034</b>	12/16/19	34	Wisconsin		
Layer 1: Tile				20% CHRYSOTILE	20% CELLULOSE FIBER
Beige/Black, Org.Bound/Fibrous					10% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2: Mastix				None Detected	100% NON FIBROUS MATERIAL
Tan, Soft					

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.



**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3133

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>351512-035</b>	12/16/19	35	Wisconsin		
Layer 1:	Insulation			20% CHRYSOTILE	20% CELLULOSE FIBER
	White, Fibrous				10% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
<b>351512-036</b>	12/16/19	36	Wisconsin		
Layer 1:	Insulation			60% CHRYSOTILE	20% CELLULOSE FIBER
	White, Fibrous				10% MINERAL/GLASS WOOL
					10% NON FIBROUS MATERIAL
<b>351512-037</b>	12/16/19	37	Wisconsin		
Layer 1:	Insulation			60% CHRYSOTILE	20% CELLULOSE FIBER
	White, Fibrous				10% MINERAL/GLASS WOOL
					10% NON FIBROUS MATERIAL
<b>351512-038</b>	12/16/19	38	Wisconsin		
Layer 1:	Hard Material			None Detected	100% NON FIBROUS MATERIAL
	Beige, Hard				
<b>351512-039</b>	12/16/19	39	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black/Green, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2:	Bituminous Material			None Detected	2% CELLULOSE FIBER
	Black, Bituminous				98% NON FIBROUS MATERIAL
Layer 3:	Fibrous Material			None Detected	70% CELLULOSE FIBER
	Beige, Fibrous				30% NON FIBROUS MATERIAL
<b>351512-040</b>	12/16/19	40	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black/Green, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2:	Bituminous Material			None Detected	2% CELLULOSE FIBER
	Black, Bituminous				98% NON FIBROUS MATERIAL
Layer 3:	Fibrous Material			None Detected	70% CELLULOSE FIBER
	Black, Fibrous				30% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3133

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>351512-041</b>	12/16/19	41	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2:	Bituminous Material			None Detected	2% CELLULOSE FIBER
	Black, Bituminous				98% NON FIBROUS MATERIAL
Layer 3:	Fibrous Material			None Detected	70% CELLULOSE FIBER
	Beige, Fibrous				30% NON FIBROUS MATERIAL
<b>351512-042</b>	12/16/19	42	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>351512-043</b>	12/16/19	43	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>351512-044</b>	12/16/19	44	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>351512-045</b>	12/16/19	45	Wisconsin		
Layer 1:	Tile			None Detected	100% NON FIBROUS MATERIAL
	Off White, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3133

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>351512-046</b>	12/16/19	46	Wisconsin		
Layer 1: Tile Off White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
Layer 3: Tile Beige, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 4: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
<b>351512-047</b>	12/16/19	47	Wisconsin		
Layer 1: Tile Beige, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
<b>351512-048</b>	12/16/19	48	Wisconsin		
Layer 1: Tile Beige/Brown, Org.Bound/Fibrous				20% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
<b>351512-049</b>	12/16/19	49	Wisconsin		
Layer 1: Tile Beige/Brown, Org.Bound/Fibrous				20% CHRYSOTILE	20% CELLULOSE FIBER 10% METAL FOIL 50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL

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**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3133

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>351512-050</b>	12/16/19	50	Wisconsin		
Layer 1: Tile				20% CHRYSOTILE	20% CELLULOSE FIBER
Beige, Org.Bound/Fibrous					10% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2: Mastix				None Detected	100% NON FIBROUS MATERIAL
Tan, Soft					
<b>351512-051</b>	12/16/19	51	Wisconsin		
Layer 1: Tile				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
Beige, Organically Bound					
Layer 2: Mastix				None Detected	100% NON FIBROUS MATERIAL
Tan, Soft					
<b>351512-052</b>	12/16/19	52	Wisconsin		
Layer 1: Tile				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
Beige, Organically Bound					
Layer 2: Mastix				None Detected	100% NON FIBROUS MATERIAL
Tan, Soft					
<b>351512-053</b>	12/16/19	53	Wisconsin		
Layer 1: Tile				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
Beige, Organically Bound					
Layer 2: Mastix				None Detected	100% NON FIBROUS MATERIAL
Tan, Soft					
<b>351512-054</b>	12/16/19	54	Wisconsin		
Layer 1: Tile				None Detected	35% CELLULOSE FIBER
Beige/Tan, Org.Bound/Fibrous					15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2: Mastix				None Detected	100% NON FIBROUS MATERIAL
Tan, Soft					

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3133

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
351512-055	12/16/19	55	Wisconsin		

Layer 1: Tile  
Beige/Tan, Org.Bound/Fibrous

None Detected

35% CELLULOSE FIBER  
15% MINERAL/GLASS WOOL  
50% NON FIBROUS MATERIAL

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

Layer 2: Mastic  
Tan, Soft

None Detected

100% NON FIBROUS MATERIAL

351512-056	12/16/19	56	Wisconsin		
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Layer 1: Tile  
Beige, Org.Bound/Fibrous

None Detected

35% CELLULOSE FIBER  
15% MINERAL/GLASS WOOL  
50% NON FIBROUS MATERIAL

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

Layer 2: Mastic  
Tan, Soft

None Detected

100% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%

Total layers analyzed on order: 91

351512-12/18/19 01:45 PM



Analyst **Mohammed Hashim**



Reviewed By: **Hind Eldanaf**  
Microscopy Supervisor

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

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<b>Submitting Co.</b> Harenda Management Group		<b>State of Collection</b> WI	<b>Cert. Required</b> <input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b> 5065	<b>Phone</b> (414) 647-1530
Milwaukee, WI 53204		<b>Email</b> dean.jacobsen@kphenviromenmtal.com	
<b>Project Name</b>		<b>PO #</b>	
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>	
<b>Project Number</b>	19-400-037.3133		
<b>Collected By</b>			

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start Stop	Flow Rate <sup>3</sup> Start Stop	Total Air <sup>4</sup>
1	12/16/19						
2							
3							
4							
5							
6							
7							
8							
9							
10							

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen

Signature:

Date/Time 12/16/19 1700

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**

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www.slabinc.com • info@slabinc.com

<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert. Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenviromenmtal.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.3133				
<b>Collected By</b>					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days  * not available for all tests ** past 3 PM the TAT will begin next business day  Please schedule rush tests in advance	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens  <b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start	Time <sup>2</sup> Stop	Flow Rate <sup>3</sup> Start	Flow Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
11	12/16/19								
12									
13									
14									
15									
16									
17									
18									
19									
20									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen

Signature:

Date/Time

12/16/19 1200

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<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert. Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenviromenmtal.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.3133				
<b>Collected By</b>					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens <b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start	Time <sup>2</sup> Stop	Flow Rate <sup>3</sup> Start	Flow Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
21	12/16/19								
22									
23									
24									
25									
26									
27									
28									
29									
30									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen

Signature:

Date/Time

12/16/19 1200

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Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3133				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start	Time <sup>2</sup> Stop	Flow Rate <sup>3</sup> Start	Flow Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
31	12/16/19								
32									
33									
34									
35									
36									
37									
38									
39									
40									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen

Signature:

Date/Time 12/16/19 1700

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**



# SCHNEIDER LABORATORIES GLOBAL, INC.

2512 West Cary Street, Richmond, Virginia 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475  
www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3133				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/>	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/>	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens  <b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/>	

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start	Time <sup>2</sup> Stop	Flow Rate <sup>3</sup> Start	Flow Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
41	12/16/19								
42									
43									
44									
45									
46									
47									
48									
49									
50									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen

Signature:

Date/Time 12/16/19 1700

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**



# SCHNEIDER LABORATORIES GLOBAL, INC.

2512 West Cary Street, Richmond, Virginia 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475  
www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct. #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3133				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/>	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/>	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input checked="" type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/>	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start Stop	Flow Rate <sup>3</sup> Start Stop	Total Air <sup>4</sup>
51	12/16/19						
52							
53							
54							
55							
56							

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen

Signature:

Date/Time

12/16/19 (20)

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !



## Analysis Report

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

**Order #:** 352574

**Received** 12/24/19  
**Analyzed** 12/24/19  
**Reported** 12/26/19

**Attn:**

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3133

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 with Point Count **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
352574-001	12/16/19	4	Wisconsin		
Layer 1: Granular Material Beige/Green, Granular, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
352574-002	12/16/19	5	Wisconsin		
Layer 1: Granular Material Beige/Green, Granular, Homogenous				0.75% CHRYSOTILE	99.25% NON FIBROUS MATERIAL
352574-003	12/16/19	6	Wisconsin		
Layer 1: Granular Material Beige/Green, Granular, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
352574-004	12/16/19	13	Wisconsin		
Layer 1: Granular Material Beige, Granular, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
352574-005	12/16/19	51	Wisconsin		
Layer 1: Tile Beige, Organically Bound, Homogenous				0.25% CHRYSOTILE	99.75% NON FIBROUS MATERIAL
352574-006	12/16/19	52	Wisconsin		
Layer 1: Tile Beige, Organically Bound, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
352574-007	12/16/19	53	Wisconsin		
Layer 1: Tile Beige, Organically Bound, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL

Reporting limit: 0.25% Samples analyzed by the EPA Point Count test method. The EPA recommends that any vermiculite sample with a trace (<1) or greater amount of asbestos is a concern and should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the lab, and must not be used to claim NVLAP or other government agency endorsement. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3133

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 with Point Count**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
-----------	-----------	----------	----------	-----------------	-----------------

EPA Regulatory Limit: 1%

Total layers analyzed on order: 7

352574-12/26/19 08:17 AM



Analyst Mohammed Hashim

Reviewed By: Jada Wilson  
Analyst

Reporting limit: 0.25% Samples analyzed by the EPA Point Count test method. The EPA recommends that any vermiculite sample with a trace (<1) or greater amount of asbestos is a concern and should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the lab, and must not be used to claim NVLAP or other government agency endorsement. The test results reported relate only to the samples submitted.

**SCHNEIDER LABORATORIES GLOBAL, INC.**

2512 West Cary Street, Richmond, Virginia 23220-5117

804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

www.slabinc.com • info@slabinc.com

352574

S 7



V:13521352574

afowler 12/24/2019 11:23:00 AM  
Hand Delivered

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions: Order 351512			
Project Number	19-400-037.3133				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input checked="" type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/>	<b>Asbestos in Bulk</b> <input type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input checked="" type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/>	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens <b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/>	

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start	Time <sup>2</sup> Stop	Flow Rate <sup>3</sup> Start	Flow Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
4	12/16/19								
5									
6									
13									
51			Tile						
52									
53									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters (time in min x flow in L/min)

Relinquished By: Dean Jacobsen

Signature:

Date/Time

12/24/19 1020

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**

## **X. LEAD LABORATORY RESULTS**



## Analysis Report

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

**Order #:** 351511

**Matrix** Paint  
**Received** 12/17/19  
**Analyzed** 12/17/19  
**Reported** 12/17/19

**Attn:**

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.3133

**PO Number:**

Sample ID	Cust. Sample ID	Location	Sample Date	Weight			
Parameter		Method		Total µg	% / Wt.	Conc.	RL*
351511-001	P01		12/16/19	295 mg			
Lead		EPA 7000B		51.4 µg	0.0174 %	174 mg/kg	33.9 mg/kg
351511-002	P02		12/16/19	304 mg			
Lead		EPA 7000B		241 µg	0.0792 %	792 mg/kg	32.9 mg/kg

**Analyst:** DLJ  
351511-12/17/19 05:04 PM

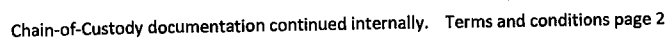
Reviewed By: **Jennifer Lee**  
Manager

### Federal Lead Paint Statute

Location	Clearance	Unit
Lead in paint by weight	< 0.50	%
Lead in paint as PPM	< 5000	mg/kg

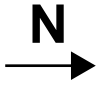
Minimum reporting limit: 10.0 µg. All internal QC parameters were met. Unusual sample conditions, if any, are described. Do not reproduce this report except in full. Values are reported to three significant figures. PPM = mg/kg | PPB = µg/kg. The test results reported relate only to the samples submitted. AIHA-LAP, LLC accredited for Lead (Lab ID 100527).



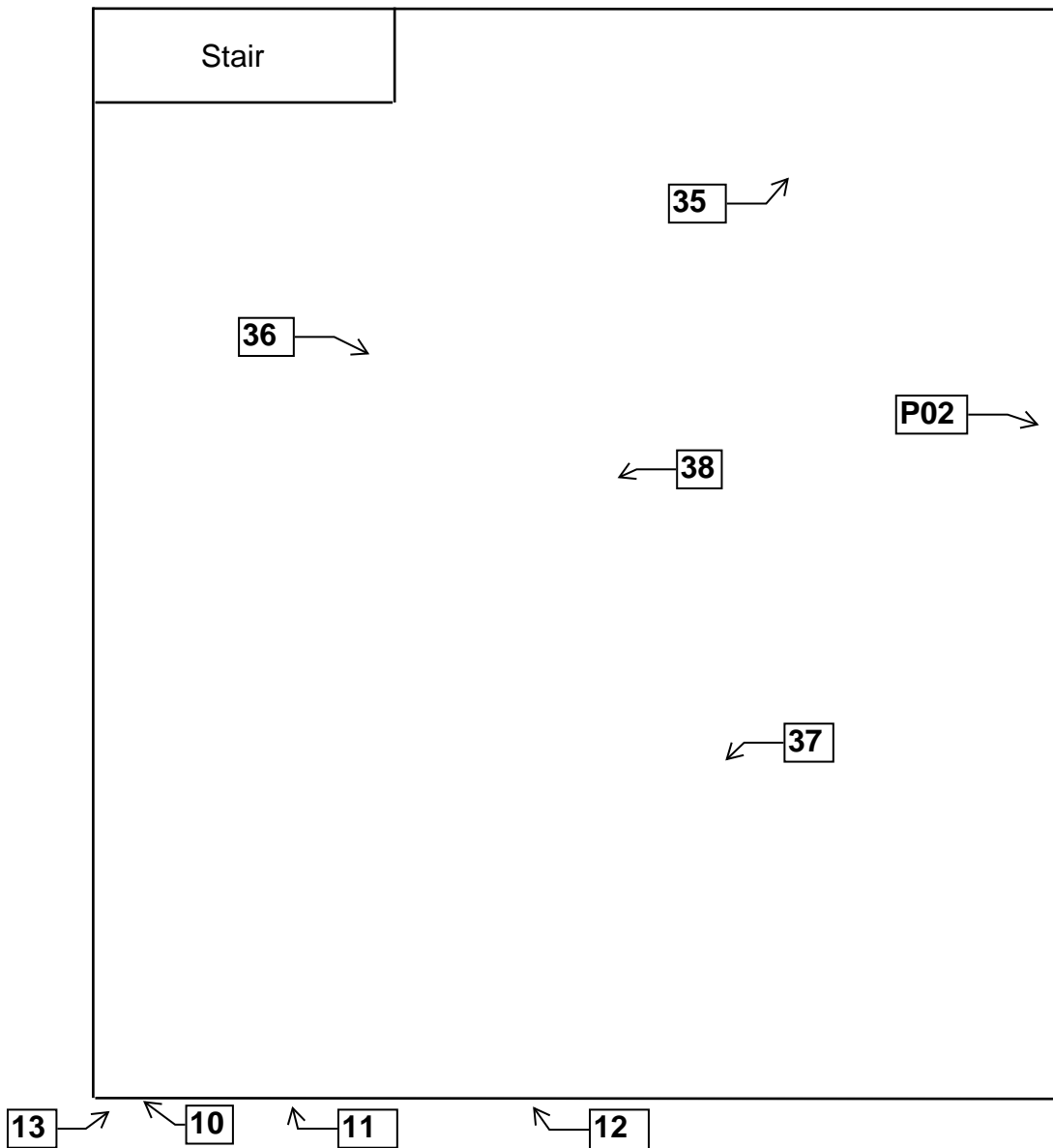


## **XI. FLOOR PLANS**

**Two Family Dwelling  
3133 North 27th Street  
Milwaukee, Wisconsin**

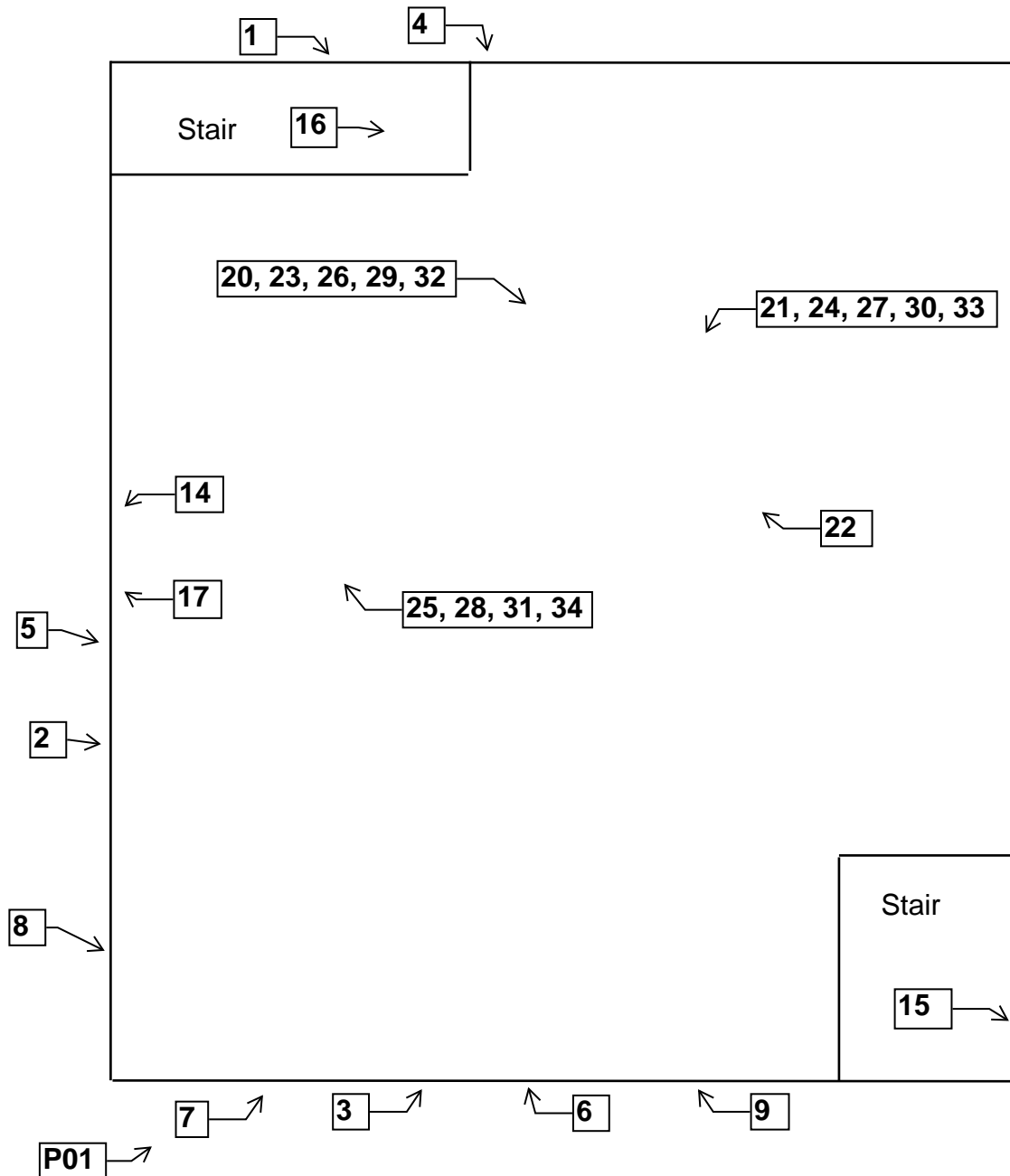
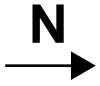


Basement Floor Plan

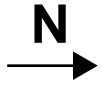


**Two Family Dwelling**  
**3133 North 27th Street**  
**Milwaukee, Wisconsin**

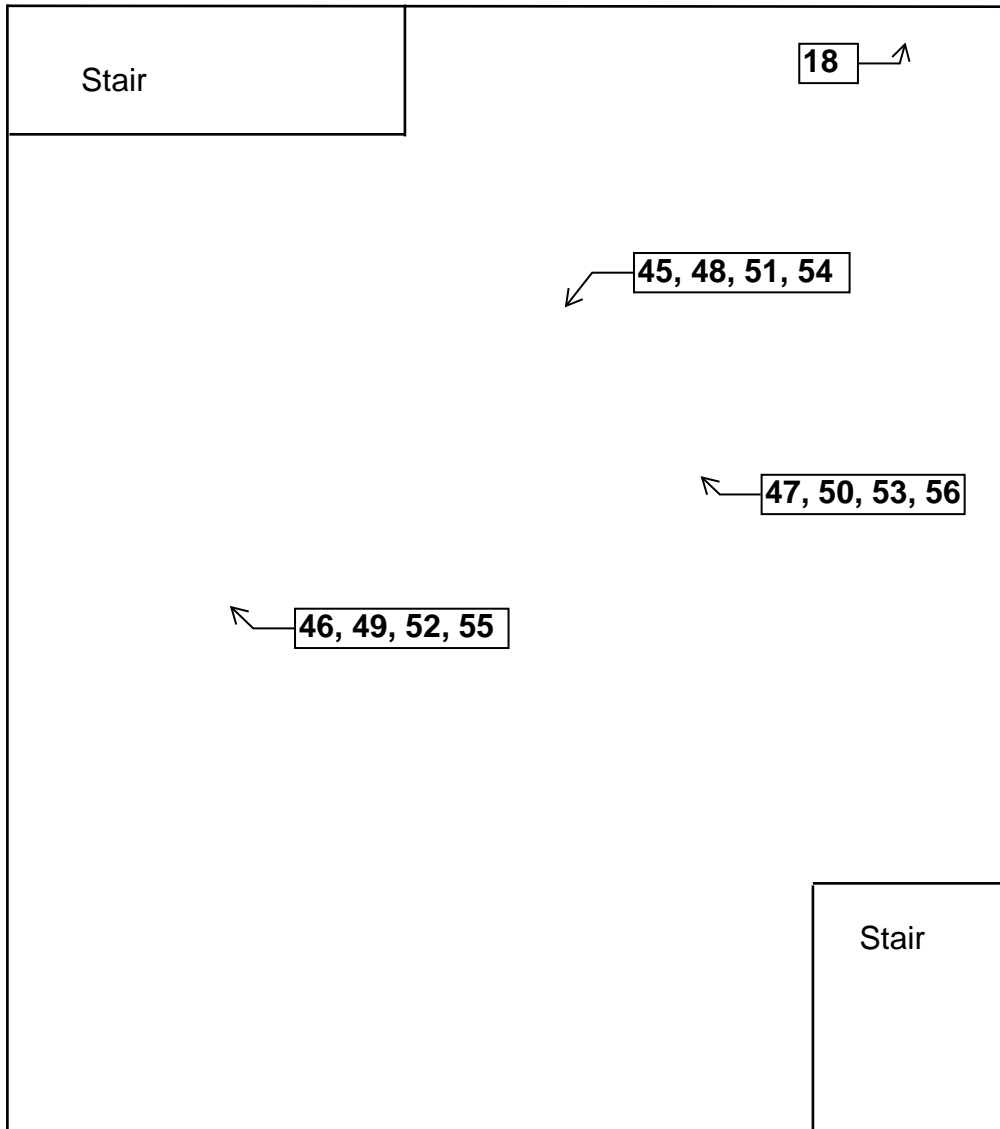
1st Floor Plan



**Two Family Dwelling  
3133 North 27th Street  
Milwaukee, Wisconsin**



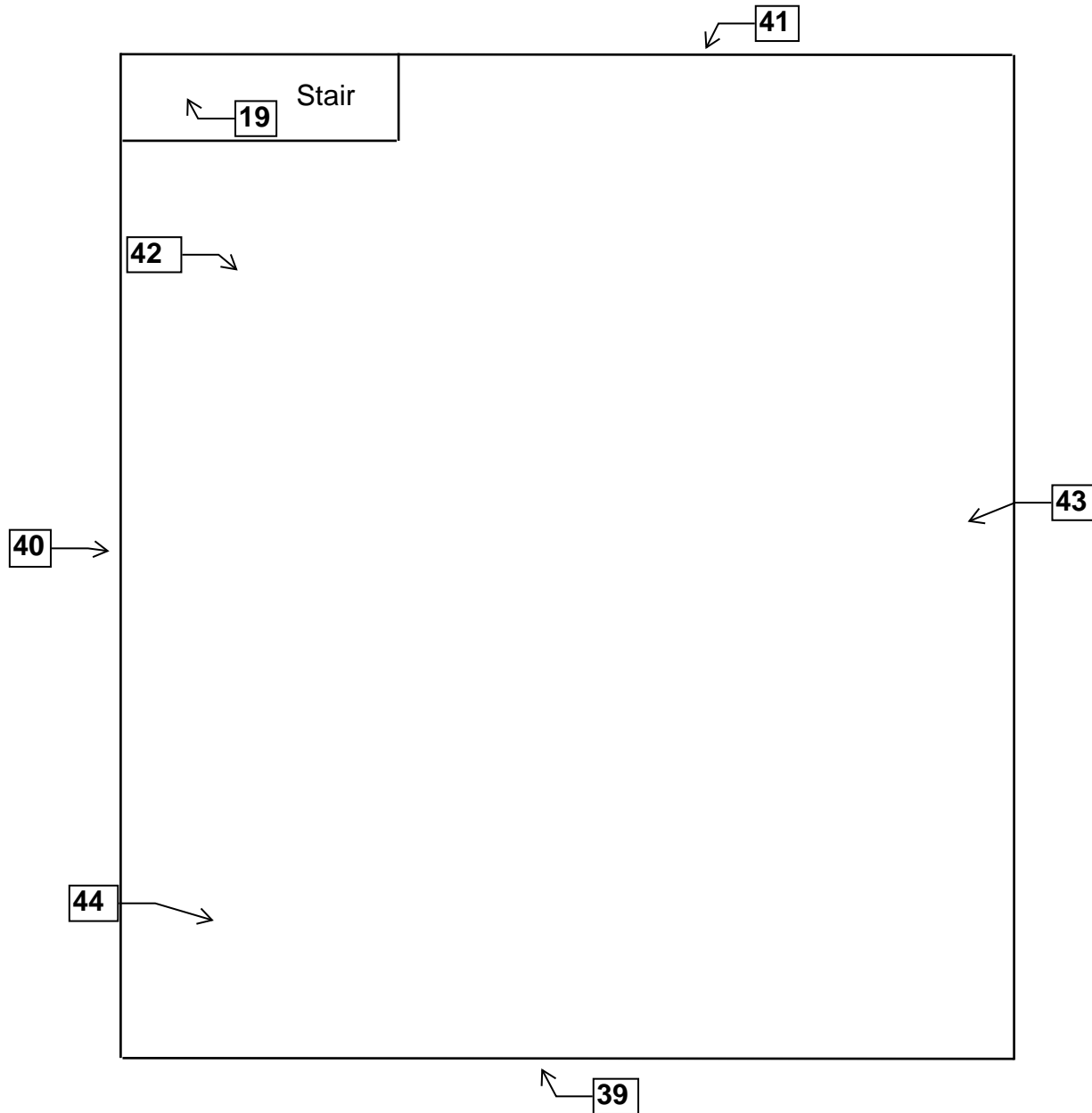
2nd Floor Plan



**Two Family Dwelling  
3133 North 27th Street  
Milwaukee, Wisconsin**



Attic/Roof Floor Plan



## **XII. HMG CERTIFICATION**



# Company Certificate

This certifies that

**HARENDA MANAGEMENT GROUP**

1237 W BRUCE ST  
MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

**Asbestos Company -- Primary**

Certificate Issue Date: 07/23/2019  
Expiration Date: 08/31/2021, 12:01 a.m.  
Certification #: CAP-480540

Wisconsin Department of Health Services  
Division of Public Health  
Bureau of Environmental and Occupational Health  
Asbestos & Lead Section  
PO Box 2659  
Madison WI 53701-2659  
Phone: (608) 261-6876



*Miriam Hasan*  
Miriam Hasan, Unit Supervisor



Tony Evers  
Governor

Andrea Palm  
Secretary



**State of Wisconsin**  
Department of Health Services

**DIVISION OF PUBLIC HEALTH**

1 WEST WILSON STREET

P O BOX 2659  
MADISON WI 53701-2659

Telephone: 608 266-1251  
FAX: 608 267-2832  
TTY: 888-701-1253  
dhs.wisconsin.gov

February 5, 2019

DAMIAN SCOTT ROGOWSKI  
3536 COUNTY ROAD H  
FRANKSVILLE WI 53126-9211

ID# AII-161300

**Congratulations!** Your new Wisconsin certification card is enclosed. Please look it over and call us right away if anything on your blue card is wrong.

**Follow Wisconsin law by making sure that you:**

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing [DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov), by using our Lead and Asbestos Online Certification website, [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo), or by mailing a note to:  
  
Lead and Asbestos Section  
1 W. Wilson St., Room 137  
P.O. Box 2659  
Madison WI 53701-2659
4. Take refresher training well before the "Training due by" date printed on your blue card.
  - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.  
Find asbestos training providers at [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
  - o Lead-certified individuals can refresh up to **1 year** before the due date.  
Find lead training providers at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead).
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead) or [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you protect your professional responsibility. Contact us if you have questions below and on the back of your blue card.

The Lead and Asbestos Certification Program  
(608) 261-6876  
[DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov)  
[www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos)  
[www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead)

**COPY**





## **DECONSTRUCTION INSPECTION REPORT**

### **Job Site:**

**Two Family Dwelling  
2841 North 29<sup>th</sup> Street  
Milwaukee, Wisconsin**

### **For:**

City of Milwaukee  
Department of Neighborhood Services  
Attn: Marge Piwaron  
841 North Broadway 1<sup>st</sup> Floor  
Milwaukee, Wisconsin 53202-3613

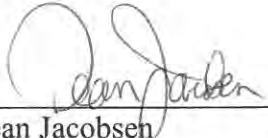
**HMG Report No.: 19-400-037.2841  
Inspector: Damian Rogowski  
Contract No.: 360-19-0975**

### **Prepared by:**

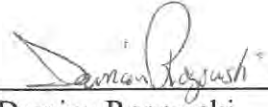
**HARENDA MANAGEMENT GROUP**  
1237 West Bruce Street  
Milwaukee, Wisconsin 53204  
(414) 383-4800

**August 2019**

**Signature Page**  
Deconstruction Inspection Report  
Two Family Dwelling  
2841 North 29<sup>th</sup> Street  
Milwaukee, Wisconsin



Dean Jacobsen  
Asbestos Inspector No. AII – 14370  
Expiration Date: 12/2/19  
Harenda Management Group



Damian Rogowski  
Asbestos Inspector No. AII – 161300  
Expiration Date: 3/19/20  
Harenda Management Group

August 22, 2019

City of Milwaukee  
Department of Neighborhood Services  
Attn: Marge Piwaron  
841 North Broadway 1<sup>st</sup> Floor  
Milwaukee, Wisconsin 53202-3613

RE: Deconstruction Inspection Report  
2841 North 29<sup>th</sup> Street  
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2841 North 29<sup>th</sup> Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

**HARENDA MANAGEMENT GROUP**



Dean Jacobsen  
Asbestos Inspector No. AII – 14370

## **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 2841 North 29<sup>th</sup> Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in duct wrap, window glazing compound, and basement flue packing sampled during the inspection. Asbestos was detected at less than 1% in attic vermiculite insulation. Asbestos was assumed to be in the roof flashing at the chimney. Results are in Section IV of this report.

Lead was detected in paint on the interior and exterior basement walls. Results are in Section V of this report.

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## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling and garage at 2841 North 29<sup>th</sup> Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has asphalt and wood walls with asphalt roofing. The garage has vinyl and wood walls with asphalt roofing.

## II. ASBESTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

**On August 6, 2019, HMG conducted an asbestos inspection and lead inspection of a two family dwelling and garage, scheduled for deconstruction, located at 2841 North 29<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Damian Rogowski, Wisconsin License No. AII – 161300, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.
4. Sampling of suspect lead painted masonry surfaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Duct wrap
- Floor tile
- Linoleum
- Drywall/joint compound
- Vermiculite insulation
- Plaster
- Flue packing
- Ceiling tile
- Tar paper
- Asphalt shingle siding
- Window glazing compound

- Asphalt roof shingles
- Fiberboard
- Mastics
- Roof flashing

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

### III. ASBESTOS LABORATORY

#### A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

### IV. ASBESTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	2 <sup>nd</sup> floor – living room – on west wall duct – duct wrap	<b>Positive 55% Chrysotile</b>	<b>TDW</b>
2	1 <sup>st</sup> floor – kitchen – on north wall duct – duct wrap	<b>Positive 55% Chrysotile</b>	<b>TDW</b>
3	Basement – on west duct – duct wrap	<b>Positive 55% Chrysotile</b>	<b>TDW</b>
4a	2 <sup>nd</sup> floor – hall top layer – 12” brown and gray floor tile	Negative	MF12ny
4b	2 <sup>nd</sup> floor – hall top layer – under 12” brown and gray floor tile – clear mastic	Negative	MF12ny
5a	2 <sup>nd</sup> floor – hall 2 <sup>nd</sup> layer – 12” tan floor tile	Negative	MF12t



Sample #	Location and Description	Results	Homogeneous Code
5b	2 <sup>nd</sup> floor – hall 2 <sup>nd</sup> layer – under 12” tan floor tile – tan mastic	Negative	MF12t
6	2 <sup>nd</sup> floor – bathroom 2 <sup>nd</sup> layer – yellow and beige linoleum	Negative	MFLle
7a	2 <sup>nd</sup> floor – bathroom – west wall – drywall	Negative	MDW
7b	2 <sup>nd</sup> floor – bathroom – west wall – joint compound	Negative	MDW
8a	1 <sup>st</sup> floor – kitchen – east wall – drywall	Negative	MDW
8b	1 <sup>st</sup> floor – kitchen – east wall – joint compound	Negative	MDW
9	1 <sup>st</sup> floor – bathroom – west wall – drywall	Negative	MDW
10	2 <sup>nd</sup> floor – kitchen southeast – 12” tan and brown floor tile	Negative	MF12tn
11	2 <sup>nd</sup> floor – kitchen center – 12” tan and brown floor tile	Negative	MF12tn
12	2 <sup>nd</sup> floor – kitchen northwest – 12” tan and brown floor tile	Negative	MF12tn
13	2 <sup>nd</sup> floor – pantry – beige and gray linoleum	Negative	MFLey
14	2 <sup>nd</sup> floor – rear stair landing – white linoleum	Negative	MFLw
15	Attic – east side on floor – vermiculite insulation	Positive 2% Tremolite	MVI
15	Point Count Result	Trace 0.25% Tremolite	MVI
16	Attic – center on floor – vermiculite insulation	Positive 2% Tremolite	MVI
16	Point Count Result	Trace 0.25% Tremolite	MVI
17	Attic – west side on floor – vermiculite insulation	Positive 2% Tremolite	MVI
17	Point Count Result	Trace 0.25% Tremolite	MVI
18	1 <sup>st</sup> floor – rear stair landing – 12” tan and beige floor tile	Negative	MF12te
19a	1 <sup>st</sup> floor – kitchen top layer – gray linoleum	Negative	MFLy
19b	1 <sup>st</sup> floor – kitchen top layer – under gray linoleum – yellow mastic	Negative	MFLy
20a	1 <sup>st</sup> floor – hall – gray linoleum	Negative	MFLy
20b	1 <sup>st</sup> floor – hall – under gray linoleum – yellow mastic	Negative	MFLy
21a	1 <sup>st</sup> floor – center bedroom – gray linoleum	Negative	MFLy
21b	1 <sup>st</sup> floor – center bedroom – under gray linoleum – yellow mastic	Negative	MFLy
22	1 <sup>st</sup> floor – kitchen bottom layer – green and brown linoleum	Negative	MFLgn
23	1 <sup>st</sup> floor – bathroom under carpet – 12” green and beige floor tile	Negative	MF12ge
24	1 <sup>st</sup> floor – pantry – north wall – plaster	Negative	SPI
25	1 <sup>st</sup> floor – living room – south wall – plaster	Negative	SPI
26	1 <sup>st</sup> floor – rear stair – north wall – plaster	Negative	SPI
27	2 <sup>nd</sup> floor – kitchen – east wall – plaster	Negative	SPI
28	2 <sup>nd</sup> floor – east bedroom – east wall – plaster	Negative	SPI
29	<b>Basement – on chimney – flue packing</b>	<b>Positive 4% Chrysotile</b>	<b>TFP</b>
30	Basement – southeast – 1’ x 1’ ceiling tile	Negative	MSCT11
31a	2 <sup>nd</sup> floor – bathroom – on east wall – white panel	Negative	MPMn
31b	2 <sup>nd</sup> floor – bathroom – on east wall under panel – brown mastic	Negative	MPMn
32	Exterior – east wall under wood siding – tar paper	Negative	MPT
33	Exterior – north wall under wood siding – tar paper	Negative	MPT
34	Exterior – south wall under wood siding – tar paper	Negative	MPT
35	Attic – exterior east wall – asphalt shingle siding	Negative	MSS
36	Attic – exterior east wall – asphalt shingle siding	Negative	MSS

Sample #	Location and Description	Results	Homogeneous Code
37	Attic – exterior west wall – asphalt shingle siding	Negative	MSS
38	Attic – on east window – glazing compound	Positive 3% Chrysotile	MPG
39	Basement – on south window – glazing compound	Positive 3% Chrysotile	MPG
40	1 <sup>st</sup> floor – on west window – glazing compound	Positive 3% Chrysotile	MPG
41	Roof – northwest top layer – gray asphalt shingle	Negative	MRSy
42	Roof – north center top layer – gray asphalt shingle	Negative	MRSy
43	Roof – south center top layer – gray asphalt shingle	Negative	MRSy
44	Roof – northwest 2 <sup>nd</sup> layer – red asphalt shingle	Negative	MRSr
45	Roof – north center 2 <sup>nd</sup> layer – red asphalt shingle	Negative	MRSr
46	Roof – south center 2 <sup>nd</sup> layer – red asphalt shingle	Negative	MRSr
47	Roof – northwest 3 <sup>rd</sup> layer – black asphalt shingle	Negative	MRSk
48	Roof – north center 3 <sup>rd</sup> layer – black asphalt shingle	Negative	MRSk
49	Roof – south center 3 <sup>rd</sup> layer – black asphalt shingle	Negative	MRSk
50	Garage – south wall under wood siding – fiberboard	Negative	MFB
51	Garage – east wall under wood siding – fiberboard	Negative	MFB
52	Garage – north wall under wood siding – fiberboard	Negative	MFB
53	Garage – near door – black linoleum	Negative	MFLk

Three (3) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Duct Wrap	TDW	Basement Ducts, Ducts in 1 <sup>st</sup> Floor Walls	150 SF	Friable
Window Glazing Compound	MPG	Windows on All Floors	47 Windows	Category II Non-Friable
Flue Packing	TFP	Basement on South Chimney	4 SF	Friable

One (1) of the materials sampled contains less than 1% asbestos and is not an ACM:

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Vermiculite Insulation	MVI	On Attic Floor	1250 SF	Friable

#### Assumed Asbestos Containing Materials

Material	Location	Approximate Quantity	Material Type
Roof Flashing	Roof at Chimney	5 SF	Category I Non-Friable

The flashing was not accessible at the time of the inspection.

**Note #1:** The ACMs listed above are friable, category I non-friable, and category II non-friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that these materials be abated prior to deconstruction.

**Note#2:** The vermiculite insulation contains less than 1% asbestos as verified by the point count method, and by definition in NR 447 is not an ACM. The contractor must follow U.S. Occupational Safety and Health Administration requirements in 29 CFR 1926.1101 (Asbestos in Construction) during removal. This regulation requires the employer to protect employees from asbestos exposure if any amount of asbestos is present. These requirements include:

- Exposure assessments
- Use of respirators and protective clothing until exposure assessments results are known,
- Using wet methods and HEPA vacuums for cleanup of the joint compound,
- Putting waste in leak tight asbestos labeled containers

DHS 159.04 (53) definitions "Vermiculite insulation" means vermiculite that has been expanded through a heating process and is used as loose-fill building insulation. It is a "suspect asbestos-containing material" under sub. DHS 159.04(50). **Note:** Vermiculite insulation is assumed to be asbestos-containing material unless proven otherwise in accordance with EPA recommended sampling and analysis protocols specific to vermiculite insulation. As of the publication of this chapter, the EPA has not published official guidance for sampling and testing protocols to test for the presence or absence of asbestos in vermiculite insulation. When recommended protocols are published, vermiculite insulation may be sampled and analyzed using the EPA recommended protocols to determine any asbestos content. Until such time, vermiculite insulation must be assumed to contain asbestos and be treated as an asbestos-containing material under DHS 159.

HMG recommends that the vermiculite insulation be removed by a Wisconsin certified asbestos company as part of the deconstruction project.

**Note#3:** If additional materials are discovered during deconstruction that are not listed above they are to be assumed to be asbestos containing.

**Note#4:** A copy of this report should be transmitted to the deconstruction contractor.

**Note#5:** Additional duct wrap may be within walls and ceilings.

#### Homogeneous Material Codes

SPl	Plaster
MF12ny	12" Brown & Gray Floor Tile
MF12t	12" Tan Floor Tile
MF12tn	12" Tan & Brown Floor Tile
MF12te	12" Tan & Beige Floor Tile
MF12ge	12" Green & Beige Floor Tile
MFLle	Yellow & Beige Linoleum
MFLey	Beige & Gray Linoleum
MFLw	White Linoleum
MFLy	Gray Linoleum
MFLgn	Green & Brown Linoleum
MFLk	Black Linoleum
MDW	Drywall/Joint Compound
MVI	Vermiculite Insulation
MSCT11	1' x 1' Ceiling Tile
MPMn	Brown Wall Panel Mastic
MPT	Tar Paper
MSS	Asphalt Shingle Siding
MPG	Window Glazing Compound
MRSy	Gray Asphalt Shingle
MRSr	Red Asphalt Shingle
MRSk	Black Asphalt Shingle
MFB	Fiberboard

#### **Homogeneous Material Codes**

TDW	Duct Wrap
TFP	Flue Packing

## **V. LEAD PAINT INSPECTION**

### **A. Methods**

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling at 2841 North 29<sup>th</sup> Street, Milwaukee, Wisconsin, took place on August 6, 2019. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

### **B. Component Testing Results**

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section X.

#### **Interior: 2841 North 29<sup>th</sup> Street, Milwaukee, Wisconsin**

- **Painted brick was observed on the interior basement walls. Lead based paint was not detected.**

#### **Exterior: 2841 North 29<sup>th</sup> Street, Milwaukee, Wisconsin**

- **Painted brick was observed on the exterior basement walls. Lead based paint was not detected.**

The following are the laboratory results.

**Site: 2841 North 29<sup>th</sup> Street, Milwaukee, Wisconsin**

**Date: 8/6/19**

Paint Testing Results					
Sample	Room	Component	Substrate	Color	Result (% Lead)
P1	Basement	South Wall	Brick	Gray	0.0383
P2	Basement	West Wall	Brick	Beige	0.0403
P3	Basement	North Wall	Brick	White	<0.00309
P4	Exterior	North Wall	Brick	Red	0.0427

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <https://www.osha.gov/SLTC/lead/index.html> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

## VI. EXCLUSIONS

**Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.**

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

## VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos and paint testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

*This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.*

## **VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST**

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

## **ASBESTOS**

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. **Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.**

## **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central)
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>N/A</u>	Refrigerators, Freezers, Chillers
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

## **LEAD**

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.



## MERCURY

Products that may contain mercury:

## LIGHTING

<u>N/A</u>	Fluorescent Lights
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

## HVAC

Check thermostats and any control associated with air handling units for switches containing mercury.

## HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

<u>N/A</u>	Old Thermostats
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

## BOILERS, FURNACES, HEATERS AND TANKS – 1 Furnace in Basement

<u>N/A</u>	Mercury Flame Sensors by pilot lights
<u>N/A</u>	Manometers, Thermometers, Gauges
<u>N/A</u>	Pressure-trol
<u>N/A</u>	Float or Level Controls
<u>N/A</u>	Space Heaters

## **ELECTRICAL SYSTEMS – Three Electrical Boxes in Basement & Attic**

<u>N/A</u>	Load Meters and Supply Relays
<u>N/A</u>	Phase Splitters
<u>N/A</u>	Microwave Relays
<u>N/A</u>	Mercury Displacement Relays

### **PCBs**

For electrical devices manufactured prior to 1987, it is safe to assume that they contain PCBs and should be managed accordingly. Most equipment manufactured after this time will say "PCB Free". The following is a list of areas in a building where PCBs may be found:

<u>N/A</u>	Transformers
<u>N/A</u>	Capacitors (appliances, electronic equipment)
<u>N/A</u>	Heat Transfer Equipment
<u>N/A</u>	Ballasts
<u>N/A</u>	Specialty Paints (such as for swimming pools or other industrial applications)
<u>N/A</u>	Sumps or Oil Traps (in maintenance and industrial facilities)

## **OTHER ENVIRONMENTAL ISSUES**

<u>N/A</u>	Hazardous Waste
<u>N/A</u>	Oil Tanks
<u>N/A</u>	Well Abandonment
<u>N/A</u>	Junk Auto Tires
<u>1</u>	Junk Vehicles – Car in Garage

\* 6 Gallons Paint 1<sup>st</sup> Floor West Bedroom

## **IX. ASBESTOS LABORATORY RESULTS**



## Analysis Report

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

**Order #:** 330598

**Attn:**

**Received** 08/08/19  
**Analyzed** 08/14/19  
**Reported** 08/15/19

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2841

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

### PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
330598-001	08/06/19	1	Wisconsin		
Layer 1: Fibrous Material Gray, Fibrous				55% CHRYSOTILE	35% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
330598-002	08/06/19	2	Wisconsin		
Layer 1: Fibrous Material Gray, Fibrous				55% CHRYSOTILE	35% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
330598-003	08/06/19	3	Wisconsin		
Layer 1: Fibrous Material Gray, Fibrous				55% CHRYSOTILE	35% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
330598-004	08/06/19	4	Wisconsin		
Layer 1: Floor Tile Tan, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Clear, Soft				None Detected	100% NON FIBROUS MATERIAL
330598-005	08/06/19	5	Wisconsin		
Layer 1: Floor Tile Beige, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
330598-006	08/06/19	6	Wisconsin		
Layer 1: Linoleum Yellow, Fibrous				None Detected	30% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 25% SYNTHETIC FIBER

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2841

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>330598-007</b>	08/06/19	7	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
<b>330598-008</b>	08/06/19	8	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
<b>330598-009</b>	08/06/19	9	Wisconsin		
Layer 1: Plaster White, Granular				None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
<b>330598-010</b>	08/06/19	10	Wisconsin		
Layer 1: Floor Tile Tan, Rubbery				None Detected	100% NON FIBROUS MATERIAL
<b>330598-011</b>	08/06/19	11	Wisconsin		
Layer 1: Floor Tile Tan, Rubbery				None Detected	100% NON FIBROUS MATERIAL
<b>330598-012</b>	08/06/19	12	Wisconsin		
Layer 1: Floor Tile Tan, Rubbery				None Detected	100% NON FIBROUS MATERIAL
<b>330598-013</b>	08/06/19	13	Wisconsin		
Layer 1: Linoleum Gray, Fibrous				None Detected	55% CELLULOSE FIBER 45% NON FIBROUS MATERIAL

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

<b>330598-014</b>	08/06/19	14	Wisconsin		
Layer 1: Linoleum Beige, Fibrous				None Detected	55% CELLULOSE FIBER 45% NON FIBROUS MATERIAL

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2841

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>330598-015</b>	08/06/19	15	Wisconsin		
Layer 1: Vermiculite Gray/Silver, Granular/Soft				2% FIBROUS TREMOLITE	8% NON FIBROUS MATERIAL 90% VERMICULITE
<b>330598-016</b>	08/06/19	16	Wisconsin		
Layer 1: Vermiculite Gray/Silver, Granular/Soft				2% FIBROUS TREMOLITE	8% NON FIBROUS MATERIAL 90% VERMICULITE
<b>330598-017</b>	08/06/19	17	Wisconsin		
Layer 1: Vermiculite Gray/Silver, Granular/Soft				2% FIBROUS TREMOLITE	8% NON FIBROUS MATERIAL 90% VERMICULITE
<b>330598-018</b>	08/06/19	18	Wisconsin		
Layer 1: Floor Tile Olive, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
<b>330598-019</b>	08/06/19	19	Wisconsin		
Layer 1: Fibrous Material Gray, Fibrous				None Detected	80% CELLULOSE FIBER 20% NON FIBROUS MATERIAL
Layer 2: Adhesive Yellow, Soft				None Detected	100% NON FIBROUS MATERIAL
<b>330598-020</b>	08/06/19	20	Wisconsin		
Layer 1: Fibrous Material Gray, Fibrous				None Detected	80% CELLULOSE FIBER 20% NON FIBROUS MATERIAL
Layer 2: Adhesive Yellow, Soft				None Detected	100% NON FIBROUS MATERIAL
<b>330598-021</b>	08/06/19	21	Wisconsin		
Layer 1: Fibrous Material Gray, Fibrous				None Detected	80% CELLULOSE FIBER 20% NON FIBROUS MATERIAL
Layer 2: Adhesive Yellow, Soft				None Detected	100% NON FIBROUS MATERIAL
<b>330598-022</b>	08/06/19	22	Wisconsin		
Layer 1: Flooring Green/Black, Fibrous				None Detected	25% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 30% SYNTHETIC FIBER

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2841

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>330598-023</b>	08/06/19	23	Wisconsin		
Layer 1: Flooring Tan/Green, Rubbery				None Detected	100% NON FIBROUS MATERIAL
<b>330598-024</b>	08/06/19	24	Wisconsin		
Layer 1: Plaster White, Granular				None Detected	3% ANIMAL HAIR 97% NON FIBROUS MATERIAL
<b>330598-025</b>	08/06/19	25	Wisconsin		
Layer 1: Plaster White, Granular				None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
<b>330598-026</b>	08/06/19	26	Wisconsin		
Layer 1: Plaster White, Granular				None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
<b>330598-027</b>	08/06/19	27	Wisconsin		
Layer 1: Plaster White, Granular				None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
<b>330598-028</b>	08/06/19	28	Wisconsin		
Layer 1: Plaster White, Granular				None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
<b>330598-029</b>	08/06/19	29	Wisconsin		
Layer 1: Plaster Gray, Granular				4% CHRYSOTILE	96% NON FIBROUS MATERIAL
<b>330598-030</b>	08/06/19	30	Wisconsin		
Layer 1: Fibrous Material Tan, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
<b>330598-031</b>	08/06/19	31	Wisconsin		
Layer 1: Rubbery Material White, Rubbery				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Adhesive Yellow, Soft				None Detected	100% NON FIBROUS MATERIAL
<b>330598-032</b>	08/06/19	32	Wisconsin		
Layer 1: Paper Black, Bituminous/Fibrous				None Detected	45% CELLULOSE FIBER 10% NON FIBROUS MATERIAL 45% SYNTHETIC FIBER

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2841

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>330598-033</b>	08/06/19	33	Wisconsin		
Layer 1: Paper Black, Bituminous/Fibrous				None Detected	45% CELLULOSE FIBER 10% NON FIBROUS MATERIAL 45% SYNTHETIC FIBER
<b>330598-034</b>	08/06/19	34	Wisconsin		
Layer 1: Paper Black, Bituminous/Fibrous				None Detected	45% CELLULOSE FIBER 10% NON FIBROUS MATERIAL 45% SYNTHETIC FIBER
<b>330598-035</b>	08/06/19	35	Wisconsin		
Layer 1: Roof Shingle Gray/Black, Bituminous				None Detected	15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>330598-036</b>	08/06/19	36	Wisconsin		
Layer 1: Roof Shingle Gray/Black, Bituminous				None Detected	15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>330598-037</b>	08/06/19	37	Wisconsin		
Layer 1: Roof Shingle Gray/Black, Bituminous				None Detected	15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>330598-038</b>	08/06/19	38	Wisconsin		
Layer 1: Glazing Gray, Granular				3% CHRYSOTILE	97% NON FIBROUS MATERIAL
<b>330598-039</b>	08/06/19	39	Wisconsin		
Layer 1: Glazing Gray, Granular				3% CHRYSOTILE	97% NON FIBROUS MATERIAL
<b>330598-040</b>	08/06/19	40	Wisconsin		
Layer 1: Glazing Gray, Granular				3% CHRYSOTILE	97% NON FIBROUS MATERIAL
<b>330598-041</b>	08/06/19	41	Wisconsin		
Layer 1: Roof Shingle Gray/Black, Bituminous				None Detected	20% MINERAL/GLASS WOOL 80% NON FIBROUS MATERIAL

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.



**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2841

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
330598-042	08/06/19	42	Wisconsin		
Layer 1:	Roof Shingle			None Detected	20% MINERAL/GLASS WOOL
	Gray/Black, Bituminous				80% NON FIBROUS MATERIAL

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

330598-043	08/06/19	43	Wisconsin		
Layer 1:	Roof Shingle			None Detected	20% MINERAL/GLASS WOOL
	Gray/Black, Bituminous				80% NON FIBROUS MATERIAL

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

330598-044	08/06/19	44	Wisconsin		
Layer 1:	Roof Shingle			None Detected	15% CELLULOSE FIBER
	Red/Black, Bituminous				70% NON FIBROUS MATERIAL
					15% SYNTHETIC FIBER

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

330598-045	08/06/19	45	Wisconsin		
Layer 1:	Roof Shingle			None Detected	15% CELLULOSE FIBER
	Red/Black, Bituminous				70% NON FIBROUS MATERIAL
					15% SYNTHETIC FIBER

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

330598-046	08/06/19	46	Wisconsin		
Layer 1:	Roof Shingle			None Detected	15% CELLULOSE FIBER
	Black, Bituminous				70% NON FIBROUS MATERIAL
					15% SYNTHETIC FIBER

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

330598-047	08/06/19	47	Wisconsin		
Layer 1:	Roof Shingle			None Detected	15% CELLULOSE FIBER
	Black, Bituminous				70% NON FIBROUS MATERIAL
					15% SYNTHETIC FIBER

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

330598-048	08/06/19	48	Wisconsin		
Layer 1:	Roof Shingle			None Detected	15% CELLULOSE FIBER
	Black, Bituminous				70% NON FIBROUS MATERIAL
					15% SYNTHETIC FIBER

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

330598-049	08/06/19	49	Wisconsin		
Layer 1:	Roof Shingle			None Detected	15% CELLULOSE FIBER
	Black, Bituminous				70% NON FIBROUS MATERIAL
					15% SYNTHETIC FIBER

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2841

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>330598-050</b>	08/06/19	50	Wisconsin		
Layer 1:	Fibrous Material			None Detected	90% CELLULOSE FIBER
	Tan, Fibrous				10% NON FIBROUS MATERIAL
<b>330598-051</b>	08/06/19	51	Wisconsin		
Layer 1:	Fibrous Material			None Detected	90% CELLULOSE FIBER
	White/Tan, Fibrous				10% NON FIBROUS MATERIAL
<b>330598-052</b>	08/06/19	52	Wisconsin		
Layer 1:	Fibrous Material			None Detected	90% CELLULOSE FIBER
	Tan, Fibrous				10% NON FIBROUS MATERIAL
<b>330598-053</b>	08/06/19	53	Wisconsin		
Layer 1:	Bituminous Material			None Detected	15% CELLULOSE FIBER
	Black, Bituminous				75% NON FIBROUS MATERIAL
					10% SYNTHETIC FIBER

**EPA Regulatory Limit: 1%****Total layers analyzed on order: 61**Analyst **Elsamani Abdelfadiel**

330598-08/15/19 09:35 AM

Reviewed By: **Irma Faszewski**  
QAQC Director

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

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<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert. Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenvironmenmtal.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.2841				
<b>Collected By</b>					

Turn-Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour *	<input type="checkbox"/> Air	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
<input type="checkbox"/> Same day *	<input type="checkbox"/> Paint	<input checked="" type="checkbox"/> PLM	<input type="checkbox"/> Lead	<input type="checkbox"/> Lead	<input type="checkbox"/> BACT (MPN/PA)
<input type="checkbox"/> 1 business day	<input type="checkbox"/> Soil	<input type="checkbox"/> PLM Qualitative	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> Mold Direct Exam
<input type="checkbox"/> 2 business days	<input type="checkbox"/> Wipe	<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Chromium VI	<input type="checkbox"/> Full TCLP	<input type="checkbox"/> Allergens
<input type="checkbox"/> 3 business days	<input checked="" type="checkbox"/> Bulk	<input type="checkbox"/> 1000 Point Count	<input type="checkbox"/> Mercury	(w/ organics 10 Day)	
<input checked="" type="checkbox"/> 5 business days	<input type="checkbox"/> Waste Water	<input type="checkbox"/> Gravimetric Prep			<b>Sub-Contract</b>
* not available for all tests	<input type="checkbox"/> Ground Water	<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<input type="checkbox"/> TEM Chatfield
** past 3 PM the TAT will begin next business day	<input type="checkbox"/> Drinking Water	<input type="checkbox"/> PCM	<input type="checkbox"/> Total Dust NIOSH 0500	<input type="checkbox"/> Silica FTIR (7602)	<input type="checkbox"/> TEM AHERA
Please schedule rush tests in advance	<input type="checkbox"/> TSP / PM10	<input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/>	<input type="checkbox"/> TEM 7402
	<input type="checkbox"/>				<input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start Stop	Flow Rate <sup>3</sup> Start Stop	Total Air <sup>4</sup>
1	8/6/19						
2							
3							
4							
5							
6							
7							
8							
9							
10	✓						

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By:

Dean Jacobsen

Signature:

Dean Jacobsen

Date/Time

8/7/19 1700

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**

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www.slabinc.com • info@slabinc.com

Submitting Co	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.2841				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start Stop	Flow Rate <sup>3</sup> Start Stop	Total Air <sup>4</sup>
11	8/6/19						
12							
13							
14							
15							
16							
17							
18							
19							
20							

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 8/7/19 1200

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Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.2841				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start	Time <sup>2</sup> Stop	Flow Rate <sup>3</sup> Start	Flow Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
21	8/6/19								
22									
23									
24									
25									
26									
27									
28									
29									
30									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End Of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen    Signature: [Signature]    Date/Time: 8/1/19 1700

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**

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<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert. Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenviromenmtal.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.2841				
<b>Collected By</b>					

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
	<input type="checkbox"/> Paint	<input checked="" type="checkbox"/> PLM	<input type="checkbox"/> Lead	<input type="checkbox"/> Lead	<input type="checkbox"/> BACT (MPN/PA)
	<input type="checkbox"/> Soil	<input type="checkbox"/> PLM Qualitative	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> Mold Direct Exam
	<input type="checkbox"/> Wipe	<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Chromium VI	<input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> Allergens
	<input checked="" type="checkbox"/> Bulk	<input type="checkbox"/> 1000 Point Count	<input type="checkbox"/> Mercury		
<input type="checkbox"/> Waste Water	<input type="checkbox"/> Gravimetric Prep				
<input type="checkbox"/> Ground Water		<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<b>Sub-Contract</b>
<input type="checkbox"/> Drinking Water		<input type="checkbox"/> PCM	<input type="checkbox"/> Total Dust NIOSH 0500	<input type="checkbox"/> Silica FTIR (7602)	<input type="checkbox"/> TEM Chatfield
<input type="checkbox"/> TSP / PM10		<input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/>	<input type="checkbox"/> TEM AHERA
<input type="checkbox"/>					<input type="checkbox"/> TEM 7402
					<input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start	Time <sup>2</sup> Stop	Flow Rate <sup>3</sup> Start	Flow Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
31	8/6/9								
32									
33									
34									
35									
36									
37									
38									
39									
40									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By:

Signature:

Date/Time

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**

**SCHNEIDER LABORATORIES GLOBAL, INC.**

2512 West Cary Street, Richmond, Virginia 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475  
www.slabinc.com • info@slabinc.com

<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert. Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenviromenmtal.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.2841				
<b>Collected By</b>					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start	Time <sup>2</sup> Stop	Flow Rate <sup>3</sup> Start	Flow Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
41	8/6/19								
42									
43									
44									
45									
46									
47									
48									
49									
50									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By:

Dean Jacobsen

Signature:

[Signature]

Date/Time

8/7/19/20

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**

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804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475  
www.slabinc.com • info@slabinc.com

Submitting Co.	Harendra Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name	PO #				
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.2841				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start Stop	Flow Rate <sup>3</sup> Start Stop	Total Air <sup>4</sup>
51	8/6/19						
52							
53							

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By:

Dean Jacobsen

Signature:

Dean Jacobsen

Date/Time

8/2/19 1200

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## Analysis Report

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

**Order #:** 333153

**Received** 08/21/19  
**Analyzed** 08/22/19  
**Reported** 08/22/19

**Attn:**

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2841

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 with Point Count **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
333153-001	08/06/19	15	Wisconsin		
Layer 1: Vermiculite Gray/Silver, Granular/Soft, Homogenous				0.25% FIBROUS TREMOLITE	11.25% NON FIBROUS MATERIAL 88.50% VERMICULITE
333153-002	08/06/19	16	Wisconsin		
Layer 1: Vermiculite Gray/Silver, Granular/Soft, Homogenous				0.25% FIBROUS TREMOLITE	10.00% NON FIBROUS MATERIAL 89.75% VERMICULITE
333153-003	08/06/19	17	Wisconsin		
Layer 1: Vermiculite Gray/Silver, Granular/Soft, Homogenous				0.25% FIBROUS TREMOLITE	12.75% NON FIBROUS MATERIAL 87.00% VERMICULITE

**EPA Regulatory Limit: 1%**

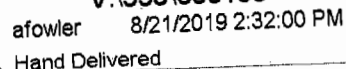
**Total layers analyzed on order: 3**

Analyst **Hind Eldanaf**

333153-08/22/19 03:12 PM

Reviewed By: **Irma Faszewski**  
QAQC Director

Reporting limit: 0.25% Samples analyzed by the EPA Point Count test method. The EPA recommends that any vermiculite sample with a trace (<1) or greater amount of asbestos is a concern and should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the lab, and must not be used to claim NVLAP or other government agency endorsement. The test results reported relate only to the samples submitted.



## **X. LEAD LABORATORY RESULTS**



## Analysis Report

## Schneider Laboratories Global, Inc

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804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

**Order #:** 330596

**Matrix** Paint  
**Received** 08/08/19  
**Analyzed** 08/08/19  
**Reported** 08/08/19

**Attn:****Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2841

**PO Number:**

Sample ID	Cust. Sample ID	Location	Sample Date	Weight			
Parameter		Method		Total µg	% / Wt.	Conc.	RL*
330596-001	P1	Wisconsin	08/06/19	174 mg			
Lead		EPA 7000B		66.7 µg	0.0383 %	383 mg/kg	57.5 mg/kg
<i>Sample weight below method guidelines.</i>							
330596-002	P2	Wisconsin	08/06/19	170 mg			
Lead		EPA 7000B		68.5 µg	0.0403 %	403 mg/kg	58.8 mg/kg
<i>Sample weight below method guidelines.</i>							
330596-003	P3	Wisconsin	08/06/19	324 mg			
Lead		EPA 7000B		<10.0 µg	<0.00309 %	<30.9 mg/kg	30.9 mg/kg
330596-004	P4	Wisconsin	08/06/19	347 mg			
Lead		EPA 7000B		148 µg	0.0427 %	427 mg/kg	28.8 mg/kg

**Analyst:** DLJ

**330596-08/08/19 03:20 PM**

*Jennifer Lee*  
Reviewed By: **Jennifer Lee**  
Manager

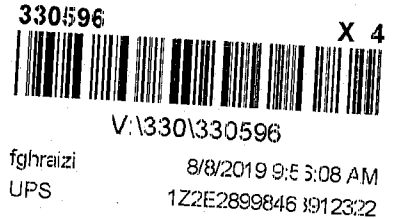
**Federal Lead Paint Statute**

Location	Clearance	Unit
Lead in paint by weight	< 0.50	%
Lead in paint as PPM	< 5000	mg/kg

Minimum reporting limit: 10.0 µg. All internal QC parameters were met. Unusual sample conditions, if any, are described. Do not reproduce this report except in full. Values are reported to three significant figures. PPM = mg/kg | PPB = µg/kg. The test results reported relate only to the samples submitted. AIHA-LAP, LLC accredited for Lead (Lab ID 100527).

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804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475  
www.slabinc.com • info@slabinc.com



<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert. Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenviromenmtal.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.2841				
<b>Collected By</b>					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input checked="" type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/>	<b>Asbestos in Bulk</b> <input type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input checked="" type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/>	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
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Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start Stop	Flow Rate <sup>3</sup> Start Stop	Total Air <sup>4</sup>
P1	8/6/19						
P2							
P3							
P4							

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

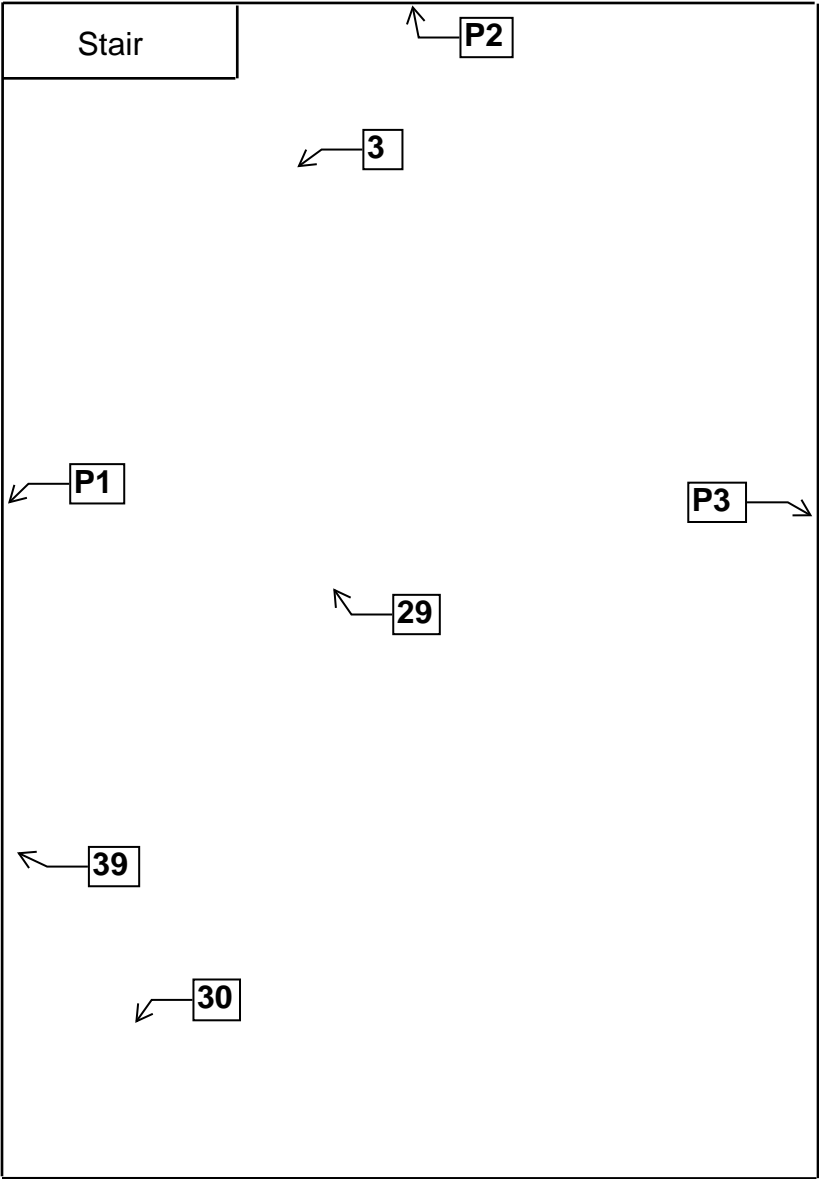
Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time: 8/7/19 1700

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**

## **XI. FLOOR PLANS**

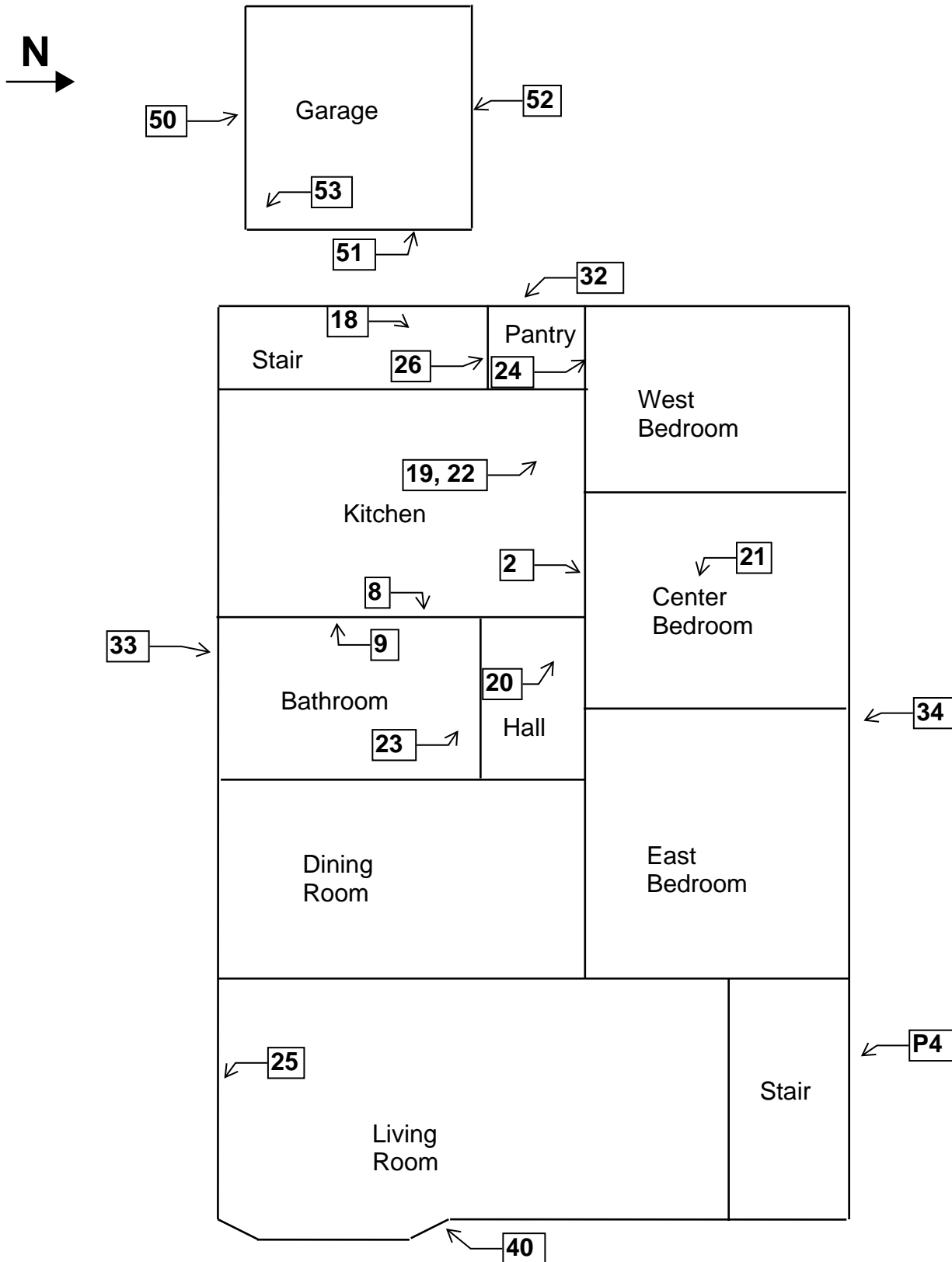
Two Family Dwelling  
2841 North 29th Street  
Milwaukee, Wisconsin

Basement Floor Plan



**Two Family Dwelling  
2841 North 29th Street  
Milwaukee, Wisconsin**

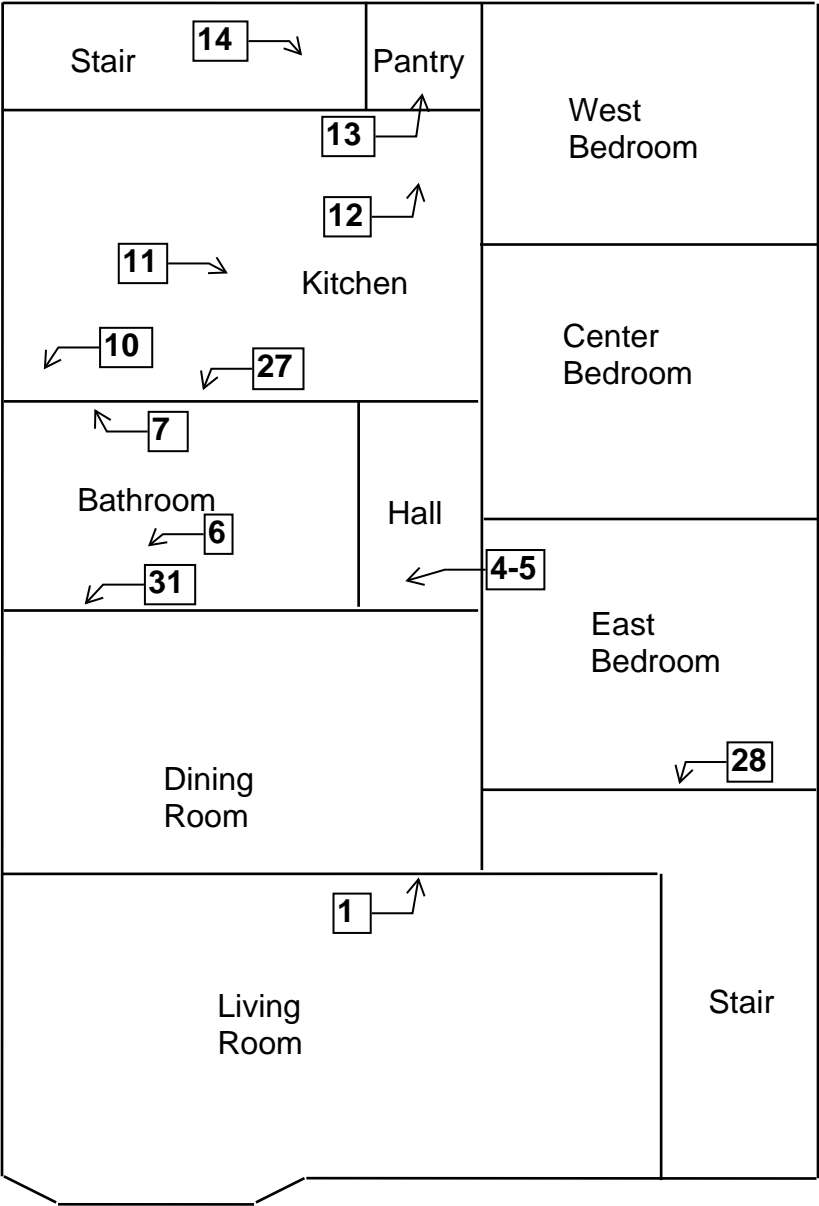
1st Floor Plan





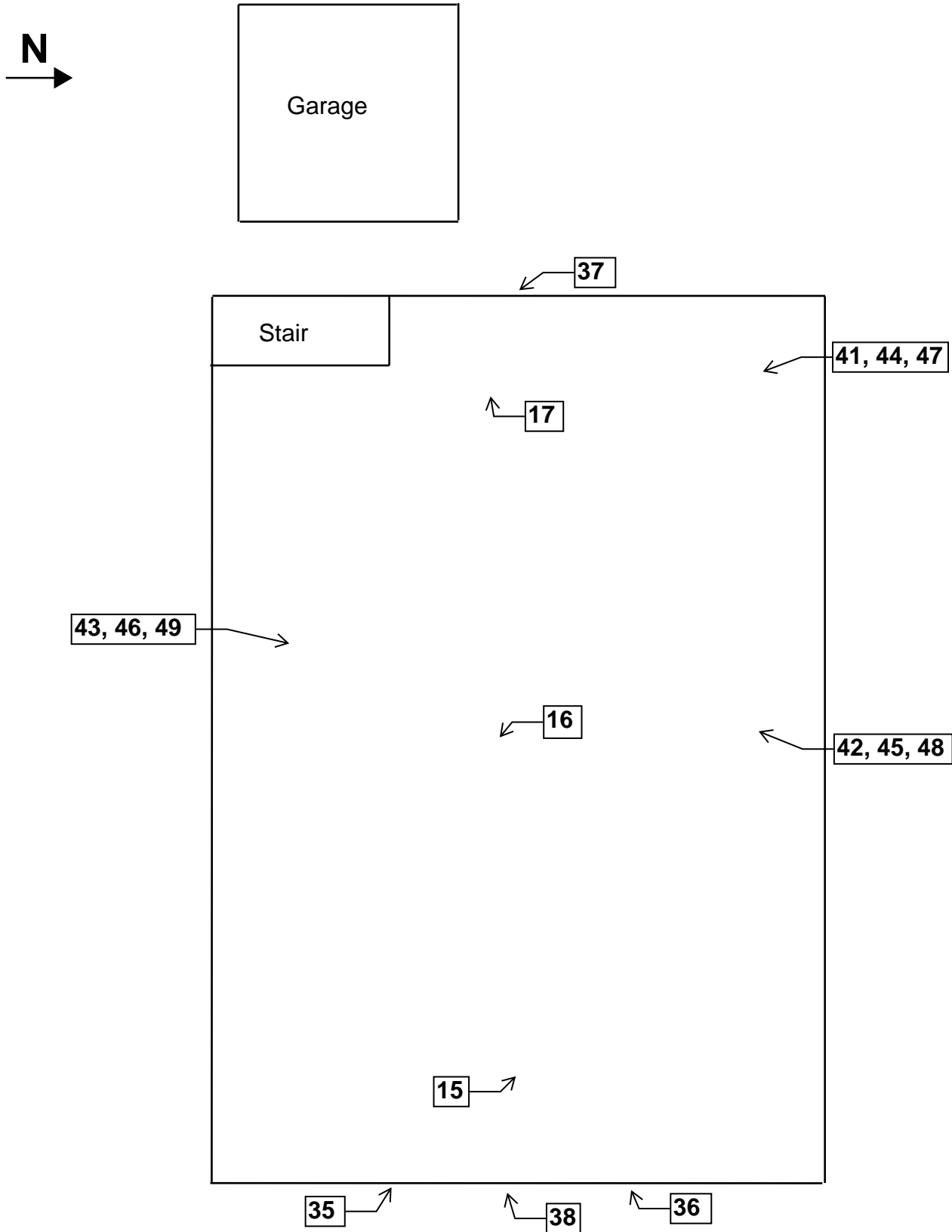
**Two Family Dwelling**  
**2841 North 29th Street**  
**Milwaukee, Wisconsin**

2nd Floor Plan



**Two Family Dwelling  
2841 North 29th Street  
Milwaukee, Wisconsin**

Attic/Roof Floor Plan



## **XII. HMG CERTIFICATION**



# Company Certificate

This certifies that

**HARENDA MANAGEMENT GROUP**

1237 W BRUCE ST  
MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

**Asbestos Company -- Primary**

Certificate Issue Date: 07/23/2019  
Expiration Date: 08/31/2021, 12:01 a.m.  
Certification #: CAP-480540

Wisconsin Department of Health Services  
Division of Public Health  
Bureau of Environmental and Occupational Health  
Asbestos & Lead Section  
PO Box 2659  
Madison WI 53701-2659  
Phone: (608) 261-6876



*Miriam Hasan*  
Miriam Hasan, Unit Supervisor



Tony Evers  
Governor

Andrea Palm  
Secretary



**State of Wisconsin**  
Department of Health Services

**DIVISION OF PUBLIC HEALTH**

1 WEST WILSON STREET

P O BOX 2659  
MADISON WI 53701-2659

Telephone: 608 266-1251  
FAX: 608 267-2832  
TTY: 888-701-1253  
dhs.wisconsin.gov

February 5, 2019

DAMIAN SCOTT ROGOWSKI  
3536 COUNTY ROAD H  
FRANKSVILLE WI 53126-9211

ID# AII-161300

**Congratulations!** Your new Wisconsin certification card is enclosed. Please look it over and call us right away if anything on your blue card is wrong.

**Follow Wisconsin law by making sure that you:**

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing [DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov), by using our Lead and Asbestos Online Certification website, [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo), or by mailing a note to:  
  
Lead and Asbestos Section  
1 W. Wilson St., Room 137  
P.O. Box 2659  
Madison WI 53701-2659
4. Take refresher training well before the "Training due by" date printed on your blue card.
  - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.  
Find asbestos training providers at [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
  - o Lead-certified individuals can refresh up to **1 year** before the due date.  
Find lead training providers at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead).
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead) or [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you protect your professional responsibility. Contact us if you have questions below and on the back of your blue card.

The Lead and Asbestos Certification Program  
(608) 261-6876  
[DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov)  
[www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos)  
[www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead)

**COPY**





## **DECONSTRUCTION INSPECTION REPORT**

### **Job Site:**

**Two Family Dwelling  
2635-37 North 35<sup>th</sup> Street  
Milwaukee, Wisconsin**

### **For:**

City of Milwaukee  
Department of Neighborhood Services  
Attn: Marge Piwaron  
841 North Broadway 1<sup>st</sup> Floor  
Milwaukee, Wisconsin 53202-3613

**HMG Report No.: 18-400-024.2635-37  
Inspector: Cecil Trawick  
Contract No.: 360-18-0975**

### **Prepared by:**

**HARENDA MANAGEMENT GROUP**  
1237 West Bruce Street  
Milwaukee, Wisconsin 53204  
(414) 383-4800

**December 2018**

**Signature Page**

**Deconstruction Inspection Report**

Two Family Dwelling  
2635-37 North 35<sup>th</sup> Street  
Milwaukee, Wisconsin

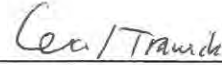


Dean Jacobsen

Asbestos Inspector No. AII – 14370

Expiration Date: 12/2/18

Harenda Management Group



Cecil Trawick

Asbestos Inspector No. AII – 104769

Expiration Date: 10/2/19

Harenda Management Group

December 4, 2018

City of Milwaukee  
Department of Neighborhood Services  
Attn: Marge Piwaron  
841 North Broadway 1<sup>st</sup> Floor  
Milwaukee, Wisconsin 53202-3613

RE: Deconstruction Inspection Report  
2635-37 North 35<sup>th</sup> Street  
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2635-37 North 35<sup>th</sup> Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

**HARENDA MANAGEMENT GROUP**



Dean Jacobsen  
Asbestos Inspector No. AII – 14370



## **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 2635-37 North 35<sup>th</sup> Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in window glazing compound, flue packing, and 1<sup>st</sup> & 2<sup>nd</sup> floor linoleum sampled during the inspection. Asbestos was detected at less than 1% in 1<sup>st</sup> floor kitchen plaster. Asbestos was assumed to be in the roof flashing. Results are in Section IV of this report.

Lead was detected in paint on the interior basement walls. Results are in Section V of this report.

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## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling at 2635-37 North 35<sup>th</sup> Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has aluminum and wood walls with asphalt roofing.

## II. ASEBSTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

**On September 25, 2018, HMG conducted an asbestos inspection and lead inspection of a two family dwelling, scheduled for deconstruction, located at 2635-37 North 35<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Cecil Trawick, Wisconsin License No. AII – 104769, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.
4. Sampling of suspect lead painted masonry surfaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Paper insulation
- Floor tile
- Ceiling tile
- Linoleum
- Flue packing
- Texture
- Ceramic tile
- Glazing compound
- Plaster
- Asphalt roofing
- Roof flashing
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

### III. ASEBSTOS LABORATORY

#### A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

### IV. ASEBSTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section VIII.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – west wall under wood siding – tan paper insulation	Negative	MPIt
2	Exterior – north wall under wood siding – tan paper insulation	Negative	MPIt
3	Exterior – south wall under wood siding – tan paper insulation	Negative	MPIt
4a	1 <sup>st</sup> floor – front entry – 12” white floor tile	Negative	MF12w
4b	1 <sup>st</sup> floor – front entry – under 12” white floor tile – yellow mastic	Negative	MF12w
5	1 <sup>st</sup> floor – living room – 2’ x 4’ ceiling tile	Negative	MSCT24
6	1 <sup>st</sup> floor – dining room – 2’ x 4’ ceiling tile	Negative	MSCT24
7	1 <sup>st</sup> floor – kitchen – 2’ x 4’ ceiling tile	Negative	MSCT24
8a	1 <sup>st</sup> floor – bathroom – brown linoleum	Negative	MFLn
8b	1 <sup>st</sup> floor – bathroom – under brown linoleum – yellow mastic	Negative	MFLn

Sample #	Location and Description	Results	Homogeneous Code
9	1 <sup>st</sup> floor – kitchen bottom layer – gray linoleum	Negative	MFLn
10a	1 <sup>st</sup> floor – kitchen top layer – 12” gray floor tile	Negative	MF12y
10b	1 <sup>st</sup> floor – kitchen top layer – under 12” gray floor tile – yellow mastic	Negative	MF12y
10c	1 <sup>st</sup> floor – kitchen 2 <sup>nd</sup> layer – 12” beige floor tile	Negative	MF12e
10d	1 <sup>st</sup> floor – kitchen 2 <sup>nd</sup> layer – under 12” beige floor tile – yellow mastic	Negative	MF12e
11	<b>1<sup>st</sup> floor – rear stair landing – gray linoleum</b>	<b>Positive 25% Chrysotile</b>	<b>MFLy</b>
12	<b>Basement – on chimney – flue packing</b>	<b>Positive 20% Chrysotile</b>	<b>TFP</b>
13	1 <sup>st</sup> floor – rear stair – top landing – brown and yellow linoleum	Negative	MFLnl
14	2 <sup>nd</sup> floor – living room – on ceiling – texture	Negative	STX
15a	2 <sup>nd</sup> floor – bathroom – on west wall – white ceramic tile	Negative	MCTMw
15b	2 <sup>nd</sup> floor – bathroom – on west wall – grout	Negative	MCTMw
15c	2 <sup>nd</sup> floor – bathroom – on west wall – under white ceramic tile - yellow mastic	Negative	MCTMw
16a	2 <sup>nd</sup> floor – bathroom floor – gray ceramic tile	Negative	MCTMy
16b	2 <sup>nd</sup> floor – bathroom floor – grout	Negative	MCTMy
16c	2 <sup>nd</sup> floor – bathroom floor – under gray ceramic tile - yellow mastic	Negative	MCTMy
17	<b>2<sup>nd</sup> floor – kitchen – gray and brown linoleum</b>	<b>Positive 25% Chrysotile</b>	<b>MFLyn</b>
18	<b>1<sup>st</sup> floor – kitchen – on south window – glazing compound</b>	<b>Positive 5% Chrysotile</b>	<b>MPG</b>
19	<b>2<sup>nd</sup> floor – kitchen – on north window – glazing compound</b>	<b>Positive 3% Chrysotile</b>	<b>MPG</b>
20	Attic – north room – on north window – glazing compound	Positive 3% Chrysotile	MPG
21a	2 <sup>nd</sup> floor – northwest bedroom – south wall – plaster skim coat	Negative	SPI
21b	2 <sup>nd</sup> floor – northwest bedroom – south wall – plaster base coat	Negative	SPI
22a	2 <sup>nd</sup> floor – living room – east wall – plaster skim coat	Negative	SPI
22b	2 <sup>nd</sup> floor – living room – east wall – plaster base coat	Negative	SPI
23a	2 <sup>nd</sup> floor – southwest bedroom – north wall – plaster skim coat	Negative	SPI
23b	2 <sup>nd</sup> floor – southwest bedroom – north wall – plaster base coat	Negative	SPI
24a	1 <sup>st</sup> floor – kitchen – north wall – plaster skim coat	Negative	SPI
24b	1 <sup>st</sup> floor – kitchen – north wall – plaster base coat	Trace <1% Chrysotile	SPI
24b	POINT COUNT RESULT	Trace <0.25% Chrysotile	SPI
25a	1 <sup>st</sup> floor – southwest bedroom – west wall – plaster skim coat	Negative	SPI
25b	1 <sup>st</sup> floor – southwest bedroom – west wall – plaster base coat	Negative	SPI
26a	1 <sup>st</sup> floor – dining room – east wall – plaster skim coat	Negative	SPI
26b	1 <sup>st</sup> floor – dining room – east wall – plaster base coat	Negative	SPI
27a	1 <sup>st</sup> floor – living room – south wall – plaster skim coat	Negative	SPI
27b	1 <sup>st</sup> floor – living room – south wall – plaster base coat	Negative	SPI
28	Roof – east side top layer – brown asphalt shingle	Negative	MRSn
29	Roof – north side top layer – brown asphalt shingle	Negative	MRSn

Sample #	Location and Description	Results	Homogeneous Code
30	Roof – south side top layer – brown asphalt shingle	Negative	MRSn
31	Roof – east side bottom layer – red asphalt shingle	Negative	MRSr
32	Roof – north side bottom layer – red asphalt shingle	Negative	MRSr
33	Roof – south side bottom layer – red asphalt shingle	Negative	MRSr

Four (4) of the materials sampled contains greater than 1% asbestos and is an asbestos containing material (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Gray Linoleum	MFLy	1 <sup>st</sup> Floor Rear Landing	20 SF	Good
Flue Packing	TFP	Basement on Chimney	2 SF	Poor
Gray & Brown Linoleum	MFLyn	2 <sup>nd</sup> Floor Kitchen	90 SF	Good
Window Glazing Compound	MPG	Windows on All Floors	32 Windows	Poor

One (1) of the materials sampled contains less than 1% asbestos:

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Plaster Base Coat	SPI	1 <sup>st</sup> Floor Kitchen Walls & Ceiling	600 SF	Fair

### Assumed Asbestos Containing Materials

Material	Location	Approximate Quantity	Condition
Roof Flashing	Roof at Chimney	3 SF	Good

The flashing was not accessible at the time of the inspection.

**Note #1:** The ACMs listed above are friable, category I non friable, and category II non friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harendra Management Group recommends that these materials be abated prior to deconstruction.

**Note#2:** The plaster contains less than 1% asbestos as verified by the point count method, and by definition in NR 447 is not an ACM. The contractor must follow U.S. Occupational Safety and Health Administration requirements in 29 CFR 1926.1101 (Asbestos in Construction) during removal. This regulation requires the employer to protect employees from asbestos exposure if any amount of asbestos is present. These requirements include:

- Exposure assessments
- Use of respirators and protective clothing until exposure assessments results are known,
- Using wet methods and HEPA vacuums for cleanup of the joint compound,
- Putting joint compound waste in leak tight asbestos labeled containers

HMG recommends that the kitchen plaster be removed by a Wisconsin certified asbestos company, as necessary, as part of the deconstruction project.

**Note#3:** If additional materials are discovered during deconstruction that are not listed above they are to be assumed to be asbestos containing.

**Note#4:** A copy of this report should be transmitted to the deconstruction contractor.

**Homogeneous Material Codes**

SPl	Plaster
STX	Texture
MPIt	Tan Paper Insulation
MF12w	12" White Floor Tile
MF12y	12" Gray Floor Tile
MF12e	12" Beige Floor Tile
MSCT24	2' x 4' Ceiling Tile
MFLn	Brown Linoleum
MFLy	Gray Linoleum
MFLnl	Brown & Yellow Linoleum
MFLyn	Gray & Brown Linoleum
MCTMw	White Ceramic Tile
MCTMy	Gray Ceramic Tile
MPG	Glazing Compound
MRSn	Brown Asphalt Shingle
MRSr	Red Asphalt Shingle
TFP	Flue Packing

## **V. LEAD PAINT INSPECTION**

### **A. Methods**

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling at 2635-37 North 35<sup>th</sup> Street, Milwaukee, Wisconsin, took place on September 26, 2018. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

### **B. Component Testing Results**

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section IX.

**Interior: 2635-37 North 35<sup>th</sup> Street, Milwaukee, Wisconsin**

- Painted brick was observed on the interior basement walls. Lead based paint was not detected.

**Exterior: 2635-37 North 35<sup>th</sup> Street, Milwaukee, Wisconsin**

- Painted masonry was not observed on the exterior.

The following are the laboratory results.

**Site: 2635-37 North 35<sup>th</sup> Street, Milwaukee, Wisconsin**

**Date: 9/25/18**

Paint Testing Results					
Sample	Room	Component	Substrate	Color	Result (% Lead)
P1	Basement	South Wall	Brick	White	0.0409

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <https://www.osha.gov/SLTC/lead/index.html> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

## **VI. EXCLUSIONS**

**No access to attic space. Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.**

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the deconstruction contractor.



A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

## **VII. LIMITATIONS**

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Quantem Laboratories for our asbestos and paint testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

*This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.*

## **VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST**

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

## **ASBESTOS**

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. **Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.**

## **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central)
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>N/A</u>	Refrigerators, Freezers, Chillers
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

## **LEAD**

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

## **MERCURY**

Products that may contain mercury:

### **LIGHTING**

<u>N/A</u>	Fluorescent Lights
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

### **HVAC**

Check thermostats and any control associated with air handling units for switches containing mercury.

### **HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS**

<u>N/A</u>	Old Thermostats
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

### **BOILERS, FURNACES, HEATERS AND TANKS**

<u>N/A</u>	Mercury Flame Sensors by pilot lights
<u>N/A</u>	Manometers, Thermometers, Gauges
<u>N/A</u>	Pressure-trol
<u>N/A</u>	Float or Level Controls
<u>N/A</u>	Space Heaters

## ELECTRICAL SYSTEMS

<u>N/A</u>	Load Meters and Supply Relays
<u>N/A</u>	Phase Splitters
<u>N/A</u>	Microwave Relays
<u>N/A</u>	Mercury Displacement Relays

### PCBs

For electrical devices manufactured prior to 1987, it is safe to assume that they contain PCBs and should be managed accordingly. Most equipment manufactured after this time will say "PCB Free". The following is a list of areas in a building where PCBs may be found:

<u>N/A</u>	Transformers
<u>N/A</u>	Capacitors (appliances, electronic equipment)
<u>N/A</u>	Heat Transfer Equipment
<u>N/A</u>	Ballasts
<u>N/A</u>	Specialty Paints (such as for swimming pools or other industrial applications)
<u>N/A</u>	Sumps or Oil Traps (in maintenance and industrial facilities)

## OTHER ENVIRONMENTAL ISSUES

<u>N/A</u>	Hazardous Waste
<u>N/A</u>	Oil Tanks
<u>N/A</u>	Well Abandonment
<u>N/A</u>	Junk Auto Tires
<u>N/A</u>	Junk Vehicles

## **IX. ASBESTOS LABORATORY RESULTS**



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

## Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No.	300422	Client:	Harenda Management Group
Account Number:	B929		Dean Jacobsen
Date Received:	10/08/2018		1237 West Bruce St.
Received By:	Katie Davis		Milwaukee, WI 53204
Date Analyzed:	10/23/2018	Project:	DNS
Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.2635-37

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose 100	
002	2	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose 100	
003	3	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose 100	
004	4	Layered	Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
004a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
005	5	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 50 Glass Fiber 30	Perlite Paint
006	6	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 50 Glass Fiber 30	Perlite Paint

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.2635-37

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
007	7	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 50 Glass Fiber 30	Perlite Paint
008	8	Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
008a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
009	9	Homogeneous	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
010	10	Layered	Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
010a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

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Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.2635-37

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
010b		Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
010c		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
011	11	Homogeneous	Yellow Sheet Vinyl	Asbestos Present Chrysotile 25	NA	CaCO3 Vinyl
012	12	Homogeneous	Gray Transite	Asbestos Present Chrysotile 20	NA	CaCO3 Binder
013	13	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
014	14	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
015	15	Layered	White Ceramic Tile	Asbestos Not Present	NA	Clay Sand

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Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.2635-37

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
015a		Layered	White Grout	Asbestos Not Present	NA	CaCO3
015b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3
016	16	Layered	Gray Ceramic Tile	Asbestos Not Present	NA	Clay Sand
016a		Layered	Tan Grout	Asbestos Not Present	NA	CaCO3 Sand
016b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3
017	17	Homogeneous	Yellow Sheet Vinyl	Asbestos Present Chrysotile 25	NA	CaCO3 Vinyl

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Received By:	Katie Davis		Milwaukee, WI 53204
Date Analyzed:	10/23/2018	Project:	DNS
Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.2635-37

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
018	18	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile 5	NA	CaCO3 Binder
019	19	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile 3	NA	CaCO3 Binder
020	20	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3 Binder
021	21	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
021a		Layered	Gray Plaster	Asbestos Not Present	Hair 2	CaCO3 Sand
022	22	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
022a		Layered	Gray Plaster	Asbestos Not Present	Hair 2	CaCO3 Sand

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## Polarized Light Microscopy Asbestos Analysis Report

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Received By:	Katie Davis		Milwaukee, WI 53204
Date Analyzed:	10/23/2018	Project:	DNS
Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.2635-37

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
023	23	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
023a		Layered	Gray Plaster	Asbestos Not Present	Hair	2 CaCO3 Sand
024	24	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
024a		Layered	Gray Plaster	Asbestos Present Chrysotile <1	Cellulose Hair <1	3 CaCO3 Sand
025	25	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
025a		Layered	Gray Plaster	Asbestos Not Present	Hair	2 CaCO3 Sand

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2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

## Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 300422

Account Number: B929

Date Received: 10/08/2018

Received By: Katie Davis

Date Analyzed: 10/23/2018

Analyzed By: Dee Ammerman

Methodology: EPA/600/R-93/116

Client: Harenda Management Group

Dean Jacobsen

1237 West Bruce St.

Milwaukee, WI 53204

Project: DNS

Project Location: Milwaukee, WI

Project Number: 18-400-024.2635-37

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
026	26	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
026a		Layered	Gray Plaster	Asbestos Not Present	Cellulose	8 Gypsum
027	27	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
027a		Layered	Gray Plaster	Asbestos Not Present	Cellulose	8 Gypsum

Dee Ammerman, Analyst

10/24/2018

Date of Report

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Quantem is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



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# ASBESTOS CHAIN OF CUSTODY



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Page 1 of 2

## LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. <u>300422</u>	
<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Reject

Contact Information		Project Information		Report Results ( <input checked="" type="checkbox"/> one box)
Company: <b>Harenda Management Group</b>	Phone: <b>(414) 383-4800</b>	Project Name: <b>DNS</b>		<input checked="" type="checkbox"/> Quantem Website
Contact: <b>Dean Jacobsen</b>	Cell Phone:	Project Location: <b>Milwaukee, WI</b>		<input type="checkbox"/> Other <u>email</u>
Account #: <b>B929</b>	E-mail: <b>djacobsen@harenda.com</b>	Project ID: <b>18-400-024.2635-37</b>		
SAMPLED BY: <b>Name:</b>	Date:	P.O. Number:		

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
	<u>10/5/18 1700</u>	<u>Fed Ex</u>		<u>10-8-18 9:00</u>

REQUESTED SERVICES (Please <input checked="" type="checkbox"/> the Appropriate Boxes)				
PLM	PLM	TEM	TEM	TURNAROUND TIME
<input checked="" type="checkbox"/> Bulk Analysis (EPA 600/R-93/116)	<input type="checkbox"/> Vermiculite Attic Insulation (EPA 600/R-04/004)	<input type="checkbox"/> Air- AHERA	<input type="checkbox"/> Bulk- Presence / Absence EPA600/R-93/116	<input type="checkbox"/> Rush
<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Other	<input type="checkbox"/> Air- NIOSH 7402	<input type="checkbox"/> Bulk- Quantitative [weight%]- Chatfield	<input type="checkbox"/> Same Day
<input type="checkbox"/> 1000 Point Count		<input type="checkbox"/> Air- ISO 10312	<input type="checkbox"/> Dust- Presence / Absence	<input type="checkbox"/> 24 - Hour
<input type="checkbox"/> Gravimetric Preparation	<b>PCM</b>	<input type="checkbox"/> Drinking Water- EPA 100.2	<input type="checkbox"/> Dust- Quantitative [fibers/sq.cm]- ASTM D5755	<input type="checkbox"/> 3 - Day
<input type="checkbox"/> Particle ID	<input type="checkbox"/> NIOSH 7400	<input type="checkbox"/> Waste Water- EPA 600/4-83-043	<input type="checkbox"/> Other	<input checked="" type="checkbox"/> 5 - Day

No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	<u>1</u>	<input checked="" type="checkbox"/>				
2	<u>2</u>	<input type="checkbox"/>				
3	<u>3</u>	<input type="checkbox"/>				
4	<u>4</u>	<input type="checkbox"/>				
5	<u>5</u>	<input type="checkbox"/>				
6	<u>6</u>	<input type="checkbox"/>				
7	<u>7</u>	<input type="checkbox"/>				
8	<u>8</u>	<input type="checkbox"/>				
9	<u>9</u>	<input checked="" type="checkbox"/>				
10	<u>10</u>	<input checked="" type="checkbox"/>				



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Page 2 of 2

For Lab Use Only	
Lab No. <u>300422</u>	
<input checked="" type="radio"/> Accept	<input type="radio"/> Reject

Project Information						
Company: <u>Harenda Management Group</u>			Project Name: <u>DNS</u>		Project Location: <u>Milwaukee, WI</u>	
No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	<u>11</u>	<input checked="" type="checkbox"/>				
12	<u>12</u>	<input type="checkbox"/>				
13	<u>13</u>	<input type="checkbox"/>				
14	<u>14</u>	<input type="checkbox"/>				
15	<u>15</u>	<input type="checkbox"/>				
16	<u>16</u>	<input type="checkbox"/>				
17	<u>17</u>	<input type="checkbox"/>				
18	<u>18</u>	<input type="checkbox"/>				
19	<u>19</u>	<input type="checkbox"/>				
20	<u>20</u>	<input type="checkbox"/>				
21	<u>21</u>	<input type="checkbox"/>				
22	<u>22</u>	<input type="checkbox"/>				
23	<u>23</u>	<input type="checkbox"/>				
24	<u>24</u>	<input type="checkbox"/>				
25	<u>25</u>	<input type="checkbox"/>				
26	<u>26</u>	<input checked="" type="checkbox"/>				
27	<u>27</u>	<input checked="" type="checkbox"/>				
28		<input type="checkbox"/>				
29		<input type="checkbox"/>				
30		<input type="checkbox"/>				





2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

## Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 301373

Account Number: B929

Date Received: 10/29/2018

Received By: Katie Davis

Date Analyzed: 11/05/2018

Analyzed By: Benjamin Hill

Methodology: EPA/600/R-93/116

Client: Harenda Management Group

Dean Jacobsen

1237 West Bruce St.

Milwaukee, WI 53204

Project: DNS

Project Location: Milwaukee, WI

Project Number: 18-400-024.2635-37

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	28	Homogeneous	Brown/Black Shingle	Asbestos Not Present	Glass Fiber 25	Tar Sand
002	29	Homogeneous	Brown/Black Shingle	Asbestos Not Present	Glass Fiber 25	Tar Sand
003	30	Homogeneous	Brown/Black Shingle	Asbestos Not Present	Glass Fiber 25	Tar Sand
004	31	Homogeneous	Red/Black Shingle	Asbestos Not Present	Cellulose 40	Tar Sand
005	32	Homogeneous	Red/Black Shingle	Asbestos Not Present	Cellulose 40	Tar Sand
006	33	Homogeneous	Red/Black Shingle	Asbestos Not Present	Cellulose 40	Tar Sand

*Benjamin Hill*

Benjamin Hill, Laboratory Technician

11/5/2018

Date of Report

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Quantem is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



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Lab No.	<u>301372</u>
<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Reject

Contact Information		Project Information		Report Results (✓ one box)	
Company: Harenda Management Group	Phone: (414) 383-4800	Project Name: DNS		<input checked="" type="checkbox"/> Quantem Website	
Contact: Dean Jacobsen	Cell Phone:	Project Location: Milwaukee, WI		<input type="checkbox"/> Other email	
Account #: B929	E-mail: djacobsen@harenda.com	Project ID: 18-400-024.2635-37			
SAMPLED BY:	Name:	Date:	P.O. Number:		

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>Dean Jacobsen</i>	12/26/18 1700	Fed Ex	<i>[Signature]</i>	12-29-18 9:50

REQUESTED SERVICES (Please ✓ the Appropriate Boxes)									
PLM		PLM		TEM		TEM		TURNAROUND TIME	
<input checked="" type="checkbox"/> Bulk Analysis (EPA 600/R-93/116)		<input type="checkbox"/> Vermiculite Attic Insulation (EPA 600/R-04/004)		<input type="checkbox"/> Air- AHERA		<input type="checkbox"/> Bulk- Presence / Absence EPA600/R-93/116		<input type="checkbox"/> Rush	
<input type="checkbox"/> 400 Point Count		<input type="checkbox"/> Other		<input type="checkbox"/> Air- NIOSH 7402		<input type="checkbox"/> Bulk- Quantitative [weight%]- Chatfield		<input type="checkbox"/> Same Day	
<input type="checkbox"/> 1000 Point Count				<input type="checkbox"/> Air- ISO 10312		<input type="checkbox"/> Dust- Presence / Absence		<input type="checkbox"/> 24 - Hour	
<input type="checkbox"/> Gravimetric Preparation		PCM		<input type="checkbox"/> Drinking Water- EPA 100.2		<input type="checkbox"/> Dust- Quantitative [fibers/sq.cm]- ASTM D5755		<input type="checkbox"/> 3 - Day	
<input type="checkbox"/> Particle ID		<input type="checkbox"/> NIOSH 7400		<input type="checkbox"/> Waste Water- EPA 600/4-83-043		<input type="checkbox"/> Other		<input checked="" type="checkbox"/> 5 - Day	

No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	28	<input checked="" type="checkbox"/>				
2	29	<input type="checkbox"/>				
3	30	<input type="checkbox"/>				
4	31	<input type="checkbox"/>				
5	32	<input type="checkbox"/>				
6	33	<input checked="" type="checkbox"/>				
7		<input type="checkbox"/>				
8		<input type="checkbox"/>				
9		<input type="checkbox"/>				
10		<input type="checkbox"/>				



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## Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 301188

Account Number: B929

Date Received: 10/25/2018

Received By: Katie Davis

Date Analyzed: 11/01/2018

Analyzed By: Dee Ammerman

Methodology: EPA/600/R-93/116

Client: Harenda Management Group

Dean Jacobsen

1237 West Bruce St.

Milwaukee, WI 53204

Project: DNS, 400 PTCT for 300422

Project Location: Milwaukee, WI

Project Number: 18-400-024.2635-37

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	24	Homogeneous	Gray Plaster	Asbestos Present Chrysotile <0.25 400 Point Count	NA	

Dee Ammerman, Analyst

11/1/2018

Date of Report

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Quantem is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



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Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Quantem is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.

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Page 1 of 1

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Lab No. 301188

Accept ☒ Reject ☐

Report Results (☒ one box)

☒ QuanTEM Website

☐ Other email

Contact Information		Project Information	
Company: Harenda Management Group	Phone: (414) 383-4800	Project Name: DNS	
Contact: Dean Jacobsen	Cell Phone:	Project Location: Milwaukee, WI	
Account #: B929	E-mail: djacobsen@harenda.com	Project ID: 18-400-024.2635-37	
SAMPLED BY: Name:	Date:	P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>Dean Jacobsen</i>	10/24/18 1620	Email	<i>[Signature]</i>	10-25-18 8:00

### REQUESTED SERVICES (Please ☒ the Appropriate Boxes)

PLM		PLM		TEM		TEM		TURNAROUND TIME
<input type="checkbox"/> Bulk Analysis (EPA 600/R-93/116)	<input type="checkbox"/> Vermiculite Attic Insulation (EPA 600/R-04/004)	<input type="checkbox"/> Air- AHERA	<input type="checkbox"/> Bulk- Presence / Absence EPA600/R-93/116	<input type="checkbox"/> Rush				
<input checked="" type="checkbox"/> 400 Point Count	<input type="checkbox"/> Other	<input type="checkbox"/> Air- NIOSH 7402	<input type="checkbox"/> Bulk- Quantitative [weight%]- Chatfield	<input type="checkbox"/> Same Day				
<input type="checkbox"/> 1000 Point Count		<input type="checkbox"/> Air- ISO 10312	<input type="checkbox"/> Dust- Presence / Absence	<input type="checkbox"/> 24 - Hour				
<input type="checkbox"/> Gravimetric Preparation	PCM	<input type="checkbox"/> Drinking Water- EPA 100.2	<input type="checkbox"/> Dust- Quantitative [fibers/sq.cm]- ASTM D5755	<input type="checkbox"/> 3 - Day				
<input type="checkbox"/> Particle ID	<input type="checkbox"/> NIOSH 7400	<input type="checkbox"/> Waste Water- EPA 600/4-83-043	<input type="checkbox"/> Other	<input checked="" type="checkbox"/> 5 - Day				

No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	24	<input checked="" type="checkbox"/>		gray plaster		QuanTEM Lab No. 300422
2		<input type="checkbox"/>				
3		<input type="checkbox"/>				
4		<input type="checkbox"/>				
5		<input type="checkbox"/>				
6		<input type="checkbox"/>				
7		<input type="checkbox"/>				
8		<input type="checkbox"/>				
9		<input type="checkbox"/>				
10		<input type="checkbox"/>				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

## **X. LEAD LABORATORY RESULTS**



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

## Environmental Chemistry Analysis Report

**QuanTEM Set ID:** 300415  
**Date Received:** 10/08/18  
**Received By:** Taylor Hooper  
**Date Sampled:**  
**Time Sampled:**  
**Analyst:** TM  
**Date of Report:** 10/15/18

**Client:** Harenda Management Group  
Dean Jacobsen  
1237 West Bruce St.  
Milwaukee, WI 53204  
**Acct. No.:** B929  
**Project:** DNS  
**Location:** Milwaukee, WI  
**Project No.:** 18-400-024.2635-37

AIHA ID: 101352

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P1	Paint	Lead	0.0409	0.00493	%	10/10/18 10:45	P EPA 7000B (1)

Authorized Signature: \_\_\_\_\_

Cherry Rossen, Technical Manager

Note: Sample results have not been corrected for blank values.

This report applies only to the standards or procedures indicated and to the specific samples tested. It is not indicative of the qualities of apparently identical or similar products or procedures, nor does it represent an ongoing assurance program unless so noted. These reports are for the exclusive use of the client and are not to be reproduced without specific written permission. QuanTEM is not responsible for user-supplied data used in calculations.

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Wipe materials must meet ASTM E1792 criteria. Method detection limits and resultant reporting limits may not be valid for non-ASTM E1792 wipe material.

EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified

EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified





www.QuanTEM.com

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Page 1 of 1

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Lab No. 300415

Accept ☒ Reject ☐

Report Results (☒ one box)

☒ **QuanTEM Website**

Other email \_\_\_\_\_

Contact Information		Project Information	
Company: <b>Harenda Management Group</b>	Phone: <b>(414) 383-4800</b>	Project Name: <b>DNS</b>	
Contact: <b>Dean Jacobsen</b>	Cell Phone: _____	Project Location: <b>Milwaukee, WI</b>	
Account #: <b>B929</b>	E-mail: <b>djacobsen@harenda.com</b>	Project ID: <b>18-400-024.2635-37</b>	

Sampled By: _____	Name: _____	Date: _____
-------------------	-------------	-------------

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
	10/5/18 1700	FedEx		10-8-18 9:00am

### REQUESTED SERVICES (Please ☒ the Appropriate Boxes)

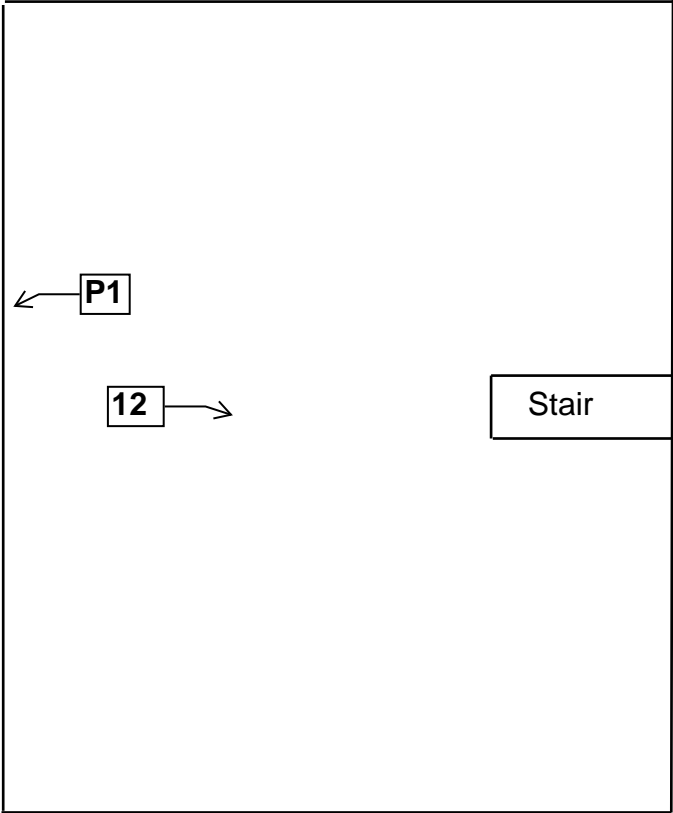
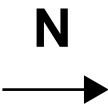
No.	Sample ID (10 Characters Max)	Sample Description	Volume (Liters)	Volume Area (Length x Width)	Sample Matrix (see matrix code box)	Analysis			Units ( <input checked="" type="checkbox"/> ONE box only)						Sample Matrix Codes		
						Pb			PPM	Wt %	mg / l	µg / ft <sup>2</sup>	µg / m <sup>3</sup>	mg / cm <sup>2</sup>	A	B	
1	P1				B	X				X							
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

TURNAROUND TIME	
	Same Day
	24 - Hour
	3 - Day
<input checked="" type="checkbox"/>	5 - Day

## **XI. FLOOR PLANS**

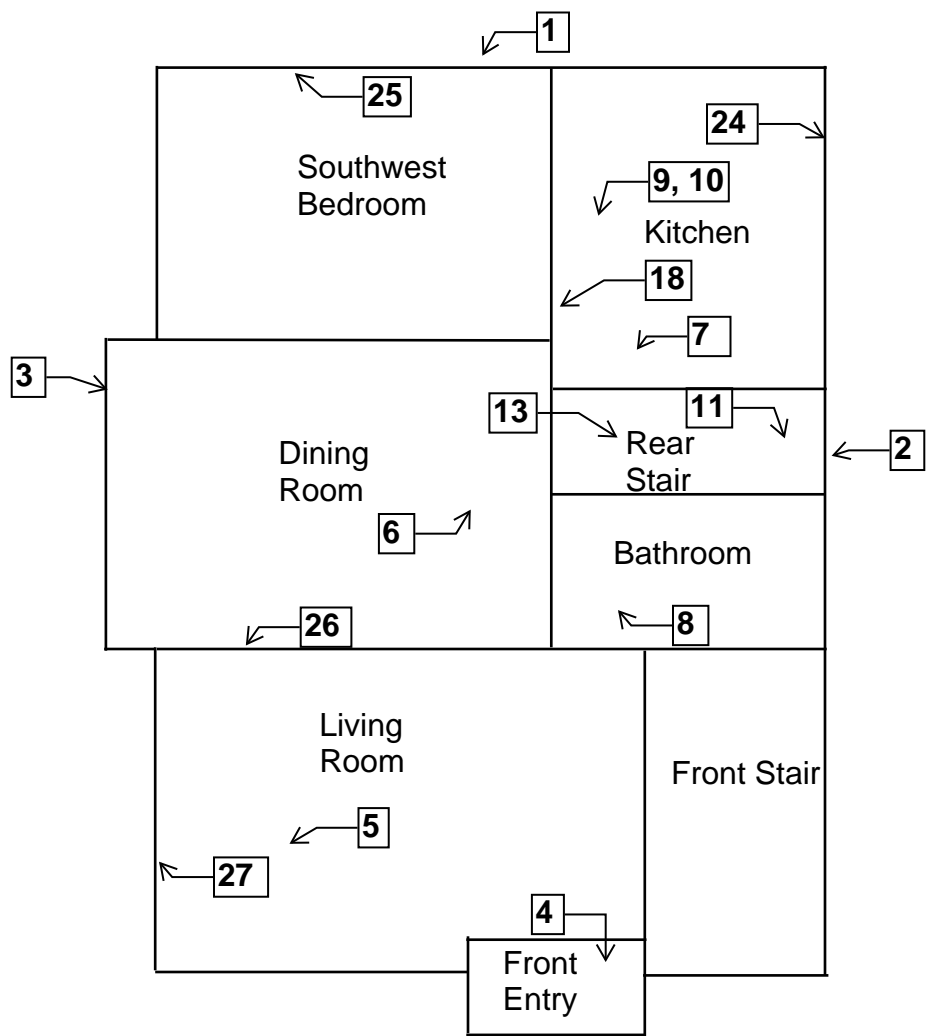
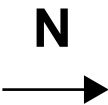
**Two Family Dwelling**  
**2635-37 North 35th Street**  
**Milwaukee, Wisconsin**

Basement Floor Plan



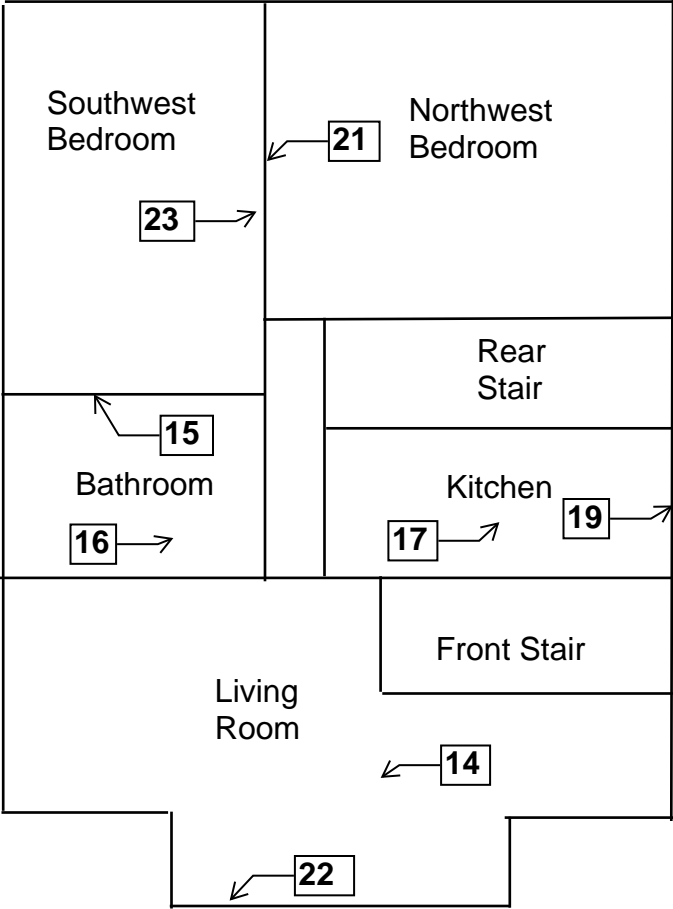
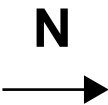
**Two Family Dwelling**  
**2635-37 North 35th Street**  
**Milwaukee, Wisconsin**

1st Floor Plan



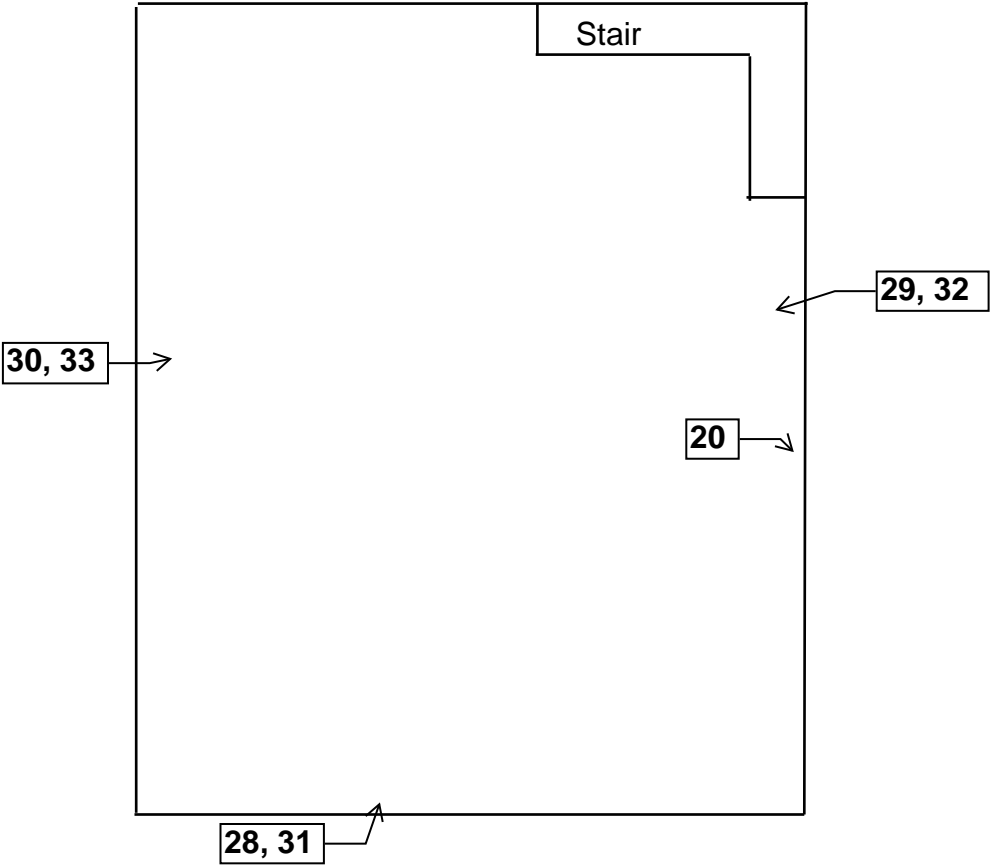
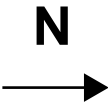
**Two Family Dwelling**  
**2635-37 North 35th Street**  
**Milwaukee, Wisconsin**

2nd Floor Plan



**Two Family Dwelling**  
**2635-37 North 35th Street**  
**Milwaukee, Wisconsin**

Attic/Roof Floor Plan



## **XII. HMG CERTIFICATION**



# Company Certificate

This certifies that

**HARENDA MANAGEMENT GROUP**

1237 W BRUCE ST.  
MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a


**Asbestos Company - Primary**

Certificate Issue Date: 06/23/2017

Expiration Date: 08/31/2019, 12:01 a.m.

Certification #: CAP-480540

Wisconsin Department of Health Services  
Division of Public Health  
Bureau of Environmental and Occupational Health  
Asbestos & Lead Section  
PO Box 2659  
Madison WI 53701-2659  
Phone: (608) 261-6876



*Shelley A Bruce*

Shelley A Bruce,  
Unit Supervisor





State of Wisconsin  
Department of Health Services

Scott Walker  
Governor

Linda Seemeyer  
Secretary

August 27, 2018

CECIL JAMES TRAWICK JR  
1237 W BRUCE ST  
MILWAUKEE WI 53204-1218

ID# AII-104769

**Congratulations!** Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

**Follow Wisconsin law by making sure that you:**

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing [DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov), by using our Lead and Asbestos Online Certification website, [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo), or by mailing a note to:

Lead and Asbestos Section  
1 W. Wilson St., Room 137  
P.O. Box 2659  
Madison WI 53701-2659

4. Take refresher training well before the "Training due by" date printed on your blue card.
  - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.  
Find asbestos training providers at [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
  - o Lead-certified individuals can refresh up to **1 year** before the due date.  
Find lead training providers at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead).
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead) or [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you are taking professional responsibility. Contact us at the phone number below and on the back of your blue card.

The Lead and Asbestos Certification Program  
(608) 261-6876  
[DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov)  
[www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos)  
[www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead)

**COPY**

**ASBESTOS INSPECTOR**  
Issued By  
**STATE OF WISCONSIN**  
Dept. of Health Services

Cecil James Trawick Jr  
1237 W Bruce St  
Milwaukee WI 53204-1218

	214 lbs	5' 08"
AII-104769	Exp: 10/02/2019	07/09/1971

Training due by: 10/02/2019



## **DECONSTRUCTION INSPECTION REPORT**

### **Job Site:**

**One Family Dwelling  
4563 North 38<sup>th</sup> Street  
Milwaukee, Wisconsin**

### **For:**

City of Milwaukee  
Department of Neighborhood Services  
Attn: Marge Piwaron  
841 North Broadway 1<sup>st</sup> Floor  
Milwaukee, Wisconsin 53202-3613

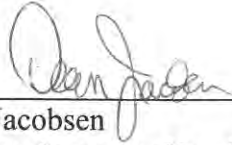
**HMG Report No.: 19-400-037.4563  
Inspector: Jazmin Spears  
Contract No.: 360-19-0975**

### **Prepared by:**

**HARENDA MANAGEMENT GROUP**  
1237 West Bruce Street  
Milwaukee, Wisconsin 53204  
(414) 383-4800

**August 2019**

**Signature Page**  
Deconstruction Inspection Report  
One Family Dwelling  
4563 North 38<sup>th</sup> Street  
Milwaukee, Wisconsin



Dean Jacobsen  
Asbestos Inspector No. AII – 14370  
Expiration Date: 12/2/19  
Harenda Management Group



Jazmin Spears  
Asbestos Inspector No. AII – 111055  
Expiration Date: 8/10/19  
Harenda Management Group

August 7, 2019

City of Milwaukee  
Department of Neighborhood Services  
Attn: Marge Piwaron  
841 North Broadway 1<sup>st</sup> Floor  
Milwaukee, Wisconsin 53202-3613

RE: Deconstruction Inspection Report  
4563 North 38<sup>th</sup> Street  
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 4563 North 38<sup>th</sup> Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

**HARENDA MANAGEMENT GROUP**



Dean Jacobsen  
Asbestos Inspector No. AII – 14370

## **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 4563 North 38<sup>th</sup> Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was not detected in any material sampled during the inspection. Asbestos was assumed to be in the roof flashing at the chimney. Results are in Section IV of this report.

Lead was detected in paint on the exterior and interior basement walls. Results are in Section V of this report.

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## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the one family dwelling at 4563 North 38<sup>th</sup> Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has aluminum, vinyl, wood, block, and stucco walls with asphalt roofing.

## II. ASBESTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

**On July 19, 2019, HMG conducted an asbestos inspection and lead inspection of a one family dwelling, scheduled for deconstruction, located at 4563 North 38<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Jazmin Spears, Wisconsin License No. AII – 111055, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.
4. Sampling of suspect lead painted masonry surfaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Fiberboard
- Drywall/joint compound
- Ceramic tile
- Asphalt roofing
- Tar paper
- Stucco
- Roof flashing
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

### III. ASBESTOS LABORATORY

#### A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

#### IV. ASBESTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – east wall under aluminum siding – fiberboard	Negative	MFB
2	Exterior – north wall under aluminum siding – fiberboard	Negative	MFB
3	Exterior – south wall under aluminum siding – fiberboard	Negative	MFB
4a	1 <sup>st</sup> floor – living room – east wall – drywall	Negative	MDW
4b	1 <sup>st</sup> floor – living room – east wall – joint compound	Negative	MDW
5a	1 <sup>st</sup> floor – dining room – north wall – drywall	Negative	MDW
5b	1 <sup>st</sup> floor – dining room – north wall – joint compound	Negative	MDW
6a	1 <sup>st</sup> floor – kitchen – south wall – drywall	Negative	MDW
6b	1 <sup>st</sup> floor – kitchen – south wall – joint compound	Negative	MDW
7a	1 <sup>st</sup> floor – living room floor – east side under carpet – beige ceramic tile	Negative	MCTMe
7b	1 <sup>st</sup> floor – living room floor – east side – under beige ceramic tile – gray mastic	Negative	MCTMe
8a	1 <sup>st</sup> floor – living room floor – north side under carpet – beige ceramic tile	Negative	MCTMe
8b	1 <sup>st</sup> floor – living room floor – north side – under beige ceramic tile – gray mastic	Negative	MCTMe
9a	1 <sup>st</sup> floor – living room floor – west side under carpet – beige ceramic tile	Negative	MCTMe



Sample #	Location and Description	Results	Homogeneous Code
9b	1 <sup>st</sup> floor – living room floor – west side – under beige ceramic tile – gray mastic	Negative	MCTMe
10a	1 <sup>st</sup> floor – kitchen floor – north side – tan ceramic tile	Negative	MCTMt
10b	1 <sup>st</sup> floor – kitchen floor – north side – under tan ceramic tile – gray mastic	Negative	MCTMt
11a	1 <sup>st</sup> floor – kitchen floor – east side – tan ceramic tile	Negative	MCTMt
11b	1 <sup>st</sup> floor – kitchen floor – east side – under tan ceramic tile – gray mastic	Negative	MCTMt
12a	1 <sup>st</sup> floor – kitchen floor – west side – tan ceramic tile	Negative	MCTMt
12b	1 <sup>st</sup> floor – kitchen floor – west side – under tan ceramic tile – gray mastic	Negative	MCTMt
13a	2 <sup>nd</sup> floor – bathroom – on north wall – gray ceramic tile	Negative	MCTMy
13b	2 <sup>nd</sup> floor – bathroom – on north wall – under gray ceramic tile – gray mastic	Negative	MCTMy
14a	Roof – southwest top layer – gray asphalt shingle	Negative	MRSy
14b	Roof – southwest 2 <sup>nd</sup> layer – black asphalt shingle	Negative	MRSk
14c	Roof – southwest 3 <sup>rd</sup> layer – gray and black asphalt shingle	Negative	MRSyk
14d	Roof – southwest 4 <sup>th</sup> layer – tar paper	Negative	MPT
15a	Roof – northwest top layer – gray asphalt shingle	Negative	MRSy
15b	Roof – northwest 2 <sup>nd</sup> layer – gray and black asphalt shingle	Negative	MRSyk
16a	Roof – east side top layer – gray asphalt shingle	Negative	MRSy
16b	Roof – east side 2 <sup>nd</sup> layer – gray and black asphalt shingle	Negative	MRSyk
17	Roof – southwest 5 <sup>th</sup> layer – tar paper #2	Negative	MBI
18	Roof – northwest 3 <sup>rd</sup> layer – tar paper #2	Negative	MBI
19	Roof – east side 3 <sup>rd</sup> layer – tar paper #2	Negative	MBI
20	Exterior – west wall northwest – stucco	Negative	STC
21	Exterior – west wall center – stucco	Negative	STC
22	Exterior – west wall southwest – stucco	Negative	STC
23	Exterior – south wall southwest – under vinyl siding – tar paper #3	Negative	MPT3

None of the materials sampled contain asbestos.

### Assumed Asbestos Containing Materials

Material	Location	Approximate Quantity	Material Type
Roof Flashing	Roof at Chimney	5 SF	Category I Non-Friable

The flashing was not accessible at the time of the inspection.

**Note #1:** The ACM listed above is a category I non-friable asbestos containing material. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harendra Management Group recommends that this material be abated prior to deconstruction.

**Note#2:** If additional materials are discovered during deconstruction that are not listed above they are to be assumed to be asbestos containing.

**Note#3:** A copy of this report should be transmitted to the deconstruction contractor.

### **Homogeneous Material Codes**

STC	Stucco
MFB	Fiberboard
MDW	Drywall/Joint Compound
MCTMe	Beige Ceramic Tile
MCTMt	Tan Ceramic Tile
MCTMy	Gray Ceramic Tile
MRSy	Gray Asphalt Shingle
MRSk	Black Asphalt Shingle
MRSyk	Gray & Black Asphalt Shingle
MPT	Tar Paper
MPT2	Tar Paper #2
MPT3	Tar Paper #3

## **V. LEAD PAINT INSPECTION**

### **A. Methods**

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling at 4563 North 38<sup>th</sup> Street, Milwaukee, Wisconsin, took place on July 19, 2019. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

### **B. Component Testing Results**

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section X.

#### **Interior: 4563 North 38<sup>th</sup> Street, Milwaukee, Wisconsin**

- **Painted block was observed on the interior basement stair walls. Lead based paint was not detected.**

#### **Exterior: 4563 North 38<sup>th</sup> Street, Milwaukee, Wisconsin**

- **Painted block was observed on the exterior walls. Lead based paint was detected.**

The following are the laboratory results.

**Site: 4563 North 38<sup>th</sup> Street, Milwaukee, Wisconsin**

**Date: 7/19/19**

Paint Testing Results					
Sample	Room	Component	Substrate	Color	Result (% Lead)
P1	Exterior	North Wall	Block	Green	28.1
P2	Basement Stair	South Wall	Block	White	0.0293

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <https://www.osha.gov/SLTC/lead/index.html> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

## VI. EXCLUSIONS

**Basement flooded at time of inspection and not accessible. Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.**

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the

building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

## VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos and paint testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

*This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.*

## **VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST**

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

## **ASBESTOS**

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. **Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.**

## **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central)
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>N/A</u>	Refrigerators, Freezers, Chillers
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

## **LEAD**

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

## MERCURY

Products that may contain mercury:

## LIGHTING

<u>9</u>	Fluorescent Lights – 1 <sup>st</sup> Floor Sitting Room, 2 <sup>nd</sup> Floor Bathroom
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

## HVAC

Check thermostats and any control associated with air handling units for switches containing mercury.

## HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

<u>N/A</u>	Old Thermostats
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

## BOILERS, FURNACES, HEATERS AND TANKS

<u>N/A</u>	Mercury Flame Sensors by pilot lights
<u>N/A</u>	Manometers, Thermometers, Gauges
<u>N/A</u>	Pressure-trol
<u>N/A</u>	Float or Level Controls
<u>N/A</u>	Space Heaters

## ELECTRICAL SYSTEMS

<u>  N/A  </u>	Load Meters and Supply Relays
<u>  N/A  </u>	Phase Splitters
<u>  N/A  </u>	Microwave Relays
<u>  N/A  </u>	Mercury Displacement Relays

### PCBs

For electrical devices manufactured prior to 1987, it is safe to assume that they contain PCBs and should be managed accordingly. Most equipment manufactured after this time will say "PCB Free". The following is a list of areas in a building where PCBs may be found:

<u>  N/A  </u>	Transformers
<u>  N/A  </u>	Capacitors (appliances, electronic equipment)
<u>  N/A  </u>	Heat Transfer Equipment
<u>  N/A  </u>	Ballasts
<u>  N/A  </u>	Specialty Paints (such as for swimming pools or other industrial applications)
<u>  N/A  </u>	Sumps or Oil Traps (in maintenance and industrial facilities)

## OTHER ENVIRONMENTAL ISSUES

<u>  N/A  </u>	Hazardous Waste
<u>  N/A  </u>	Oil Tanks
<u>  N/A  </u>	Well Abandonment
<u>  N/A  </u>	Junk Auto Tires
<u>  N/A  </u>	Junk Vehicles

\* 1 Gas Meter on Exterior

\* 20 Gallons Paint in Dining Room



## **IX. ASBESTOS LABORATORY RESULTS**



## Analysis Report

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

**Order #:** 327697

**Received** 07/24/19  
**Analyzed** 07/25/19  
**Reported** 07/29/19

**Attn:**

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.4563

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

### PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>327697-001</b>	07/19/19	1	Wisconsin		
Layer 1:	Fibrous Material			None Detected	90% CELLULOSE FIBER
	Tan/Black, Fibrous				10% NON FIBROUS MATERIAL
<b>327697-002</b>	07/19/19	2	Wisconsin		
Layer 1:	Fibrous Material			None Detected	90% CELLULOSE FIBER
	Tan/Black, Bituminous				10% NON FIBROUS MATERIAL
<b>327697-003</b>	07/19/19	3	Wisconsin		
Layer 1:	Fibrous Material			None Detected	90% CELLULOSE FIBER
	Tan/Black, Bituminous				10% NON FIBROUS MATERIAL
<b>327697-004</b>	07/19/19	4	Wisconsin		
Layer 1:	Drywall			None Detected	6% CELLULOSE FIBER
	White, Powdery				94% NON FIBROUS MATERIAL
Layer 2:	Joint Compound			None Detected	3% MINERAL/GLASS WOOL
	White, Granular				97% NON FIBROUS MATERIAL
<b>327697-005</b>	07/19/19	5	Wisconsin		
Layer 1:	Drywall			None Detected	5% CELLULOSE FIBER
	White, Powdery				95% NON FIBROUS MATERIAL
Layer 2:	Joint Compound			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.4563

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>327697-006</b>	07/19/19	6	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	6% CELLULOSE FIBER 94% NON FIBROUS MATERIAL
Layer 2: Joint Compound White, Granular				None Detected	3% MINERAL/GLASS WOOL 97% NON FIBROUS MATERIAL
<b>327697-007</b>	07/19/19	7	Wisconsin		
Layer 1: Ceramic Tile Beige, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Adhesive Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
<b>327697-008</b>	07/19/19	8	Wisconsin		
Layer 1: Ceramic Tile Beige, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Adhesive Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
<b>327697-009</b>	07/19/19	9	Wisconsin		
Layer 1: Ceramic Tile Beige, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Adhesive Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
<b>327697-010</b>	07/19/19	10	Wisconsin		
Layer 1: Ceramic Tile Pink, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Adhesive Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
<b>327697-011</b>	07/19/19	11	Wisconsin		
Layer 1: Ceramic Tile Pink, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Grout Gray, Granular				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.4563

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>327697-012</b>	07/19/19	12	Wisconsin		
Layer 1: Ceramic Tile Pink/Beige, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Adhesive Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
<b>327697-013</b>	07/19/19	13	Wisconsin		
Layer 1: Ceramic Tile Beige, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Granular Material White, Granular				None Detected	100% NON FIBROUS MATERIAL
<b>327697-014</b>	07/19/19	14	Wisconsin		
Layer 1: Roofing Material Black, Bituminous				None Detected	20% MINERAL/GLASS WOOL 80% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2: Roof Paper Black, Bituminous/Fibrous				None Detected	45% CELLULOSE FIBER 10% NON FIBROUS MATERIAL 45% SYNTHETIC FIBER
Layer 3: Roofing Material Gray/Black, Bituminous				None Detected	20% MINERAL/GLASS WOOL 80% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 4: Roof Paper Black, Bituminous/Fibrous				None Detected	45% CELLULOSE FIBER 10% NON FIBROUS MATERIAL 45% SYNTHETIC FIBER
<b>327697-015</b>	07/19/19	15	Wisconsin		
Layer 1: Roofing Material Black, Bituminous				None Detected	20% MINERAL/GLASS WOOL 80% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2: Roofing Material Gray/Black, Bituminous				None Detected	20% MINERAL/GLASS WOOL 80% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.4563

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
327697-016	07/19/19	16	Wisconsin		

Layer 1: Roofing Material  
Black, Bituminous

None Detected

20% MINERAL/GLASS WOOL  
80% NON FIBROUS MATERIAL

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

Layer 2: Roofing Material  
Gray/Black, Bituminous

None Detected

20% MINERAL/GLASS WOOL  
80% NON FIBROUS MATERIAL

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

327697-017	07/19/19	17	Wisconsin		
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Layer 1: Roof Paper  
Black, Bituminous/Fibrous

None Detected

45% CELLULOSE FIBER  
10% NON FIBROUS MATERIAL  
45% SYNTHETIC FIBER

327697-018	07/19/19	18	Wisconsin		
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Layer 1: Roof Paper  
Black, Bituminous/Fibrous

None Detected

45% CELLULOSE FIBER  
10% NON FIBROUS MATERIAL  
45% SYNTHETIC FIBER

327697-019	07/19/19	19	Wisconsin		
------------	----------	----	-----------	--	--

Layer 1: Roof Paper  
Black, Bituminous/Fibrous

None Detected

45% CELLULOSE FIBER  
10% NON FIBROUS MATERIAL  
45% SYNTHETIC FIBER

**EPA Regulatory Limit: 1%****Total layers analyzed on order: 34**Analyst **Elsamani Abdelfadiel**

327697-07/29/19 11:45 AM

Reviewed By: **Irma Faszewski**  
QAQC Director

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**SCHNEIDER LABORATORIES GLOBAL, INC.**

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www.slabinc.com • info@slabinc.com

327697

X 19



V\327\327697

fghrauzi  
UPS7/24/2019 10:05:09 AM  
122E2899846 J043486

<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert. Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenvironmenmtal.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.4563				
<b>Collected By</b>					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/>	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/>	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/>	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
1	7/19/19								
2									
3									
4									
5									
6									
7									
8									
9									
10									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By:

Dean Jacobsen

Signature:

Date/Time

7/23/19 1700

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**

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<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert. Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenvironmenmtal.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.4563				
<b>Collected By</b>					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
	<input type="checkbox"/> Paint	<input checked="" type="checkbox"/> PLM	<input type="checkbox"/> Lead	<input type="checkbox"/> Lead	<input type="checkbox"/> BACT (MPN/PA)
	<input type="checkbox"/> Soil	<input type="checkbox"/> PLM Qualitative	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> Mold Direct Exam
	<input type="checkbox"/> Wipe	<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Chromium VI	<input type="checkbox"/> Full TCLP (w/ organics 10 Day)	<input type="checkbox"/> Allergens
	<input checked="" type="checkbox"/> Bulk	<input type="checkbox"/> 1000 Point Count	<input type="checkbox"/> Mercury		
	<input type="checkbox"/> Waste Water	<input type="checkbox"/> Gravimetric Prep			
	<input type="checkbox"/> Ground Water	<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<b>Sub-Contract</b>
	<input type="checkbox"/> Drinking Water	<input type="checkbox"/> PCM	<input type="checkbox"/> Total Dust NIOSH 0500	<input type="checkbox"/> Silica FTIR (7602)	<input type="checkbox"/> TEM Chatfield
	<input type="checkbox"/> TSP / PM10	<input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/>	<input type="checkbox"/> TEM AHERA
	<input type="checkbox"/>				<input type="checkbox"/> TEM 7402
					<input type="checkbox"/> Silica-XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup> Start Stop	Flow Rate <sup>3</sup> Start Stop	Total Air <sup>4</sup>
11	7/19/14						
12							
13							
14							
15							
16							
17							
18							
19							

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 7/18/14 1700

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**



## Analysis Report

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117  
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**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

**Order #:** 329317

**Received** 08/01/19  
**Analyzed** 08/06/19  
**Reported** 08/06/19

**Attn:**

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.4563

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

### PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
329317-001	07/30/19	20	Winconsin		
Layer 1: Granular Material Gray, Hard/Granular				None Detected	100% NON FIBROUS MATERIAL
329317-002	07/30/19	21	Winconsin		
Layer 1: Granular Material Gray, Hard/Granular				None Detected	100% NON FIBROUS MATERIAL
329317-003	07/30/19	22	Winconsin		
Layer 1: Granular Material Gray, Hard/Granular				None Detected	100% NON FIBROUS MATERIAL
329317-004	07/30/19	23	Winconsin		
Layer 1: Fibrous Material Black, Fibrous/Bituminous				None Detected	80% CELLULOSE FIBER 20% NON FIBROUS MATERIAL

**EPA Regulatory Limit: 1%**

**Total layers analyzed on order: 4**

Analyst **Jada Wilson**

329317-08/06/19 03:15 PM

Reviewed By: **Irma Faszewski**  
QAQC Director

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.





## **X. LEAD LABORATORY RESULTS**



## Analysis Report

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

**Order #:** 327696

**Matrix** Paint  
**Received** 07/24/19  
**Analyzed** 07/24/19  
**Reported** 07/24/19

**Attn:**


**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.4563

**PO Number:**

Sample ID	Cust. Sample ID	Location	Sample Date	Weight			
Parameter		Method		Total µg	% / Wt.	Conc.	RL*
327696-001	P1		07/19/19	333 mg			
Lead		EPA 7000B		93700 µg	28.1 %	281000 mg/kg	15000 mg/kg
327696-002	P2		07/19/19	314 mg			
Lead		EPA 7000B		91.9 µg	0.0293 %	293 mg/kg	31.8 mg/kg

**Analyst:** MKS  
**327696-07/24/19 04:50 PM**

  
Reviewed By: **Jennifer Lee**  
Manager

### Federal Lead Paint Statute

Location	Clearance	Unit
Lead in paint by weight	< 0.50	%
Lead in paint as PPM	< 5000	mg/kg

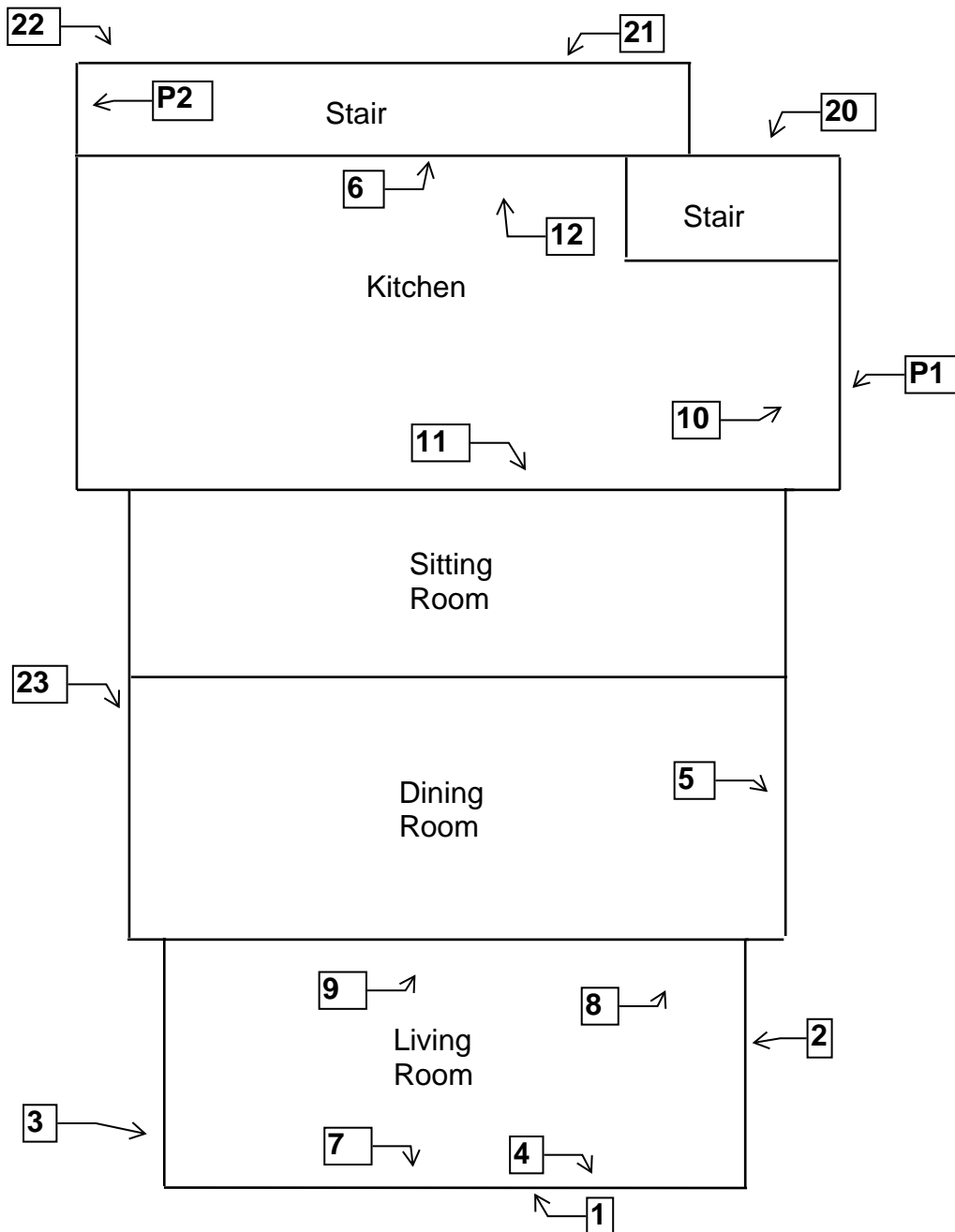
Minimum reporting limit: 10.0 µg. All internal QC parameters were met. Unusual sample conditions, if any, are described. Do not reproduce this report except in full. Values are reported to three significant figures. PPM = mg/kg | PPB = µg/kg. The test results reported relate only to the samples submitted. AIHA-LAP, LLC accredited for Lead (Lab ID 100527).



## **XI. FLOOR PLANS**

**One Family Dwelling  
4563 North 38th Street  
Milwaukee, Wisconsin**

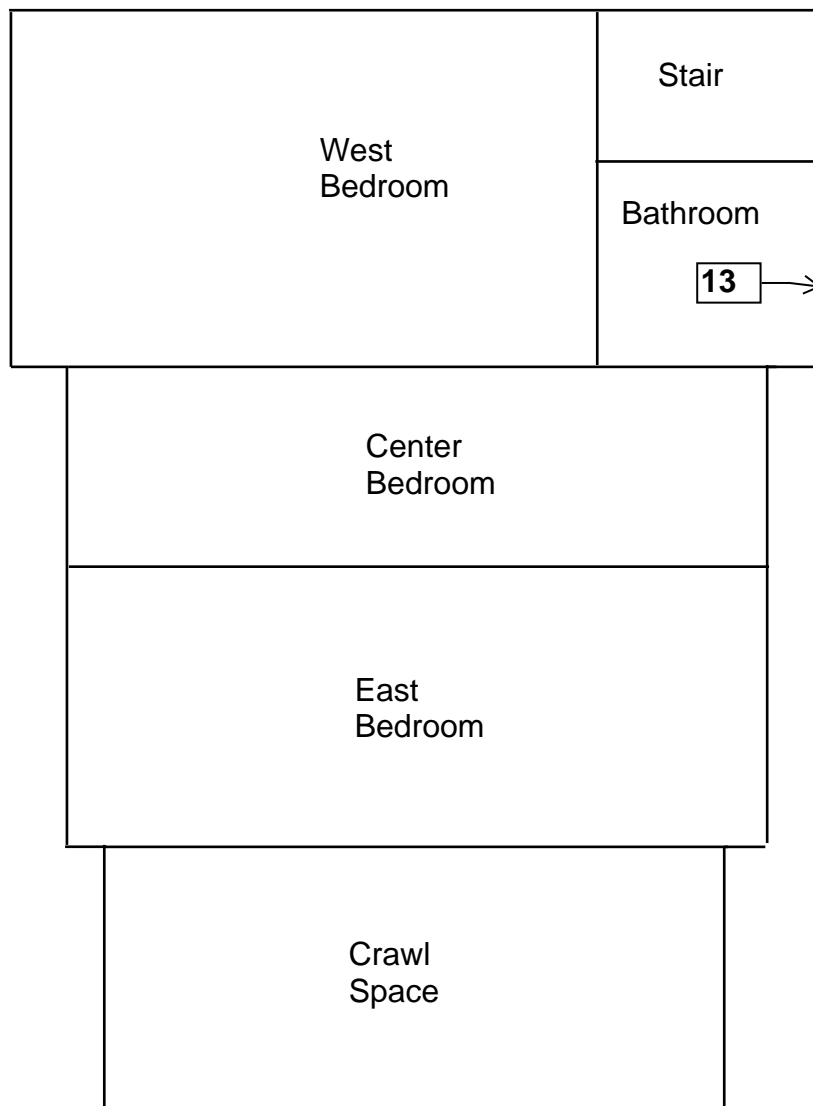
1st Floor Plan



**One Family Dwelling  
4563 North 38th Street  
Milwaukee, Wisconsin**

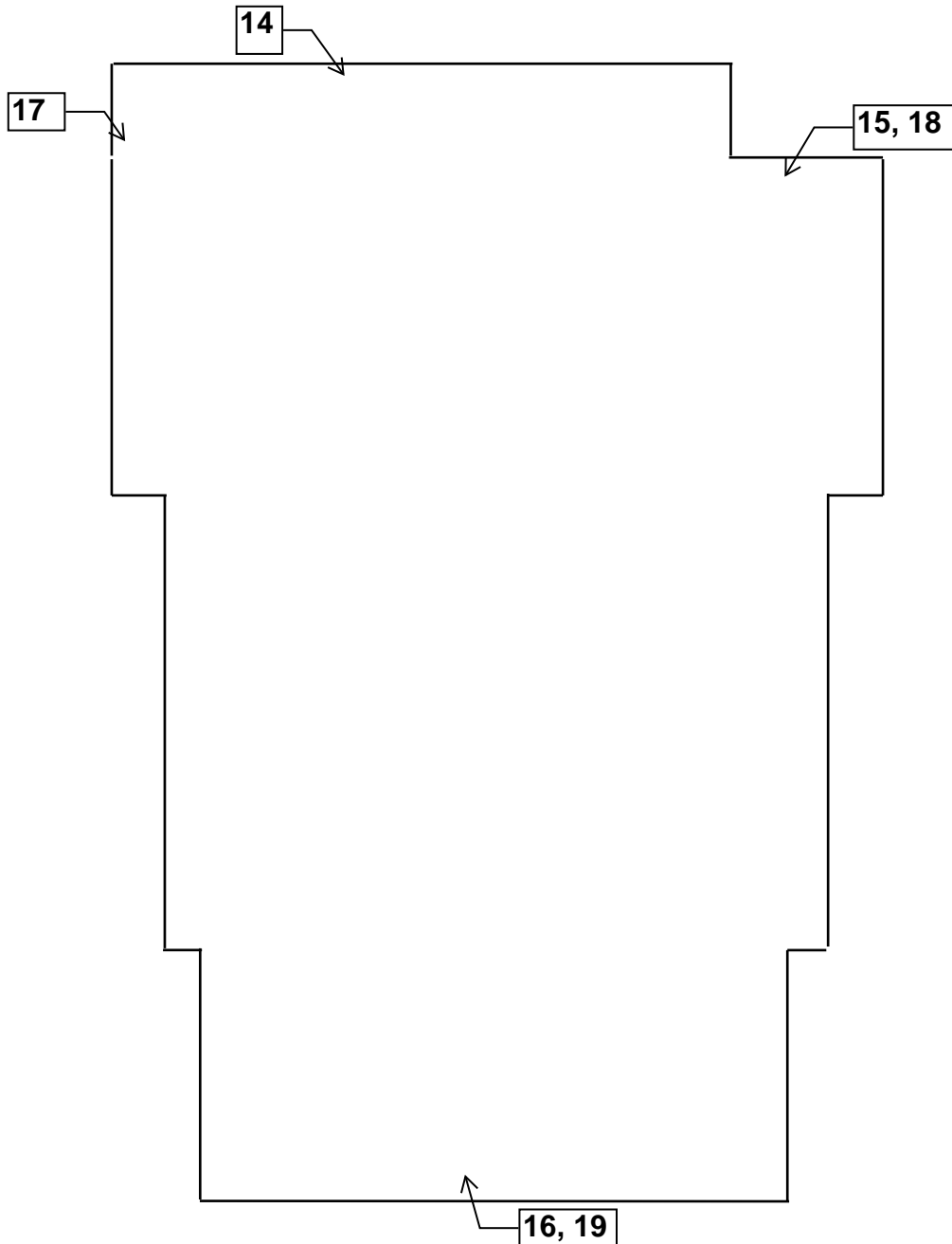


2nd Floor Plan



**One Family Dwelling  
4563 North 38th Street  
Milwaukee, Wisconsin**

Roof Floor Plan





## **XII. HMG CERTIFICATION**



# Company Certificate

This certifies that

**HARENDA MANAGEMENT GROUP**

1237 W BRUCE ST  
MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

**Asbestos Company -- Primary**

Certificate Issue Date: 07/23/2019  
Expiration Date: 08/31/2021, 12:01 a.m.  
Certification #: CAP-480540

Wisconsin Department of Health Services  
Division of Public Health  
Bureau of Environmental and Occupational Health  
Asbestos & Lead Section  
PO Box 2659  
Madison WI 53701-2659  
Phone: (608) 261-6876



*Miriam Hasan*  
Miriam Hasan, Unit Supervisor



Scott Walker  
Governor

Linda Seemeyer  
Secretary

August 27, 2018



State of Wisconsin  
Department of Health Services

DIVISION OF PUBLIC HEALTH

1 WEST WILSON STREET

P O BOX 2659  
MADISON WI 53701-2659

Telephone: 608 266-1251  
FAX: 608 267-2832  
TTY: 888-701-1253  
dhs.wisconsin.gov

JAZMIN K C SPEARS  
1237 W BRUCE ST  
MILWAUKEE WI 53204-1218

ID# AII-111055

**Congratulations!** Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

**Follow Wisconsin law by making sure that you:**

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing [DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov), by using our Lead and Asbestos Online Certification website, [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo), or by mailing a note to:

Lead and Asbestos Section  
1 W. Wilson St., Room 137  
P.O. Box 2659  
Madison WI 53701-2659

4. Take refresher training well before the "Training due by" date printed on your blue card.
  - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.  
Find asbestos training providers at [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
  - o Lead-certified individuals can refresh up to **1 year** before the due date.  
Find lead training providers at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead).
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead) or [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you assume professional responsibility. Contact us if you have any questions below and on the back of your blue card.

The Lead and Asbestos Certification Process  
(608) 261-6876  
[DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov)  
[www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos)  
[www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead)

**COPY**

	ASBESTOS INSPECTOR		
	Issued By		
	STATE OF WISCONSIN		
	Dept. of Health Services		
Jazmin K C Spears			
1237 W Bruce St			
Milwaukee WI 53204-1218			
		198 lbs	5' 08"
AII-111055	Exp: 08/10/2019	10/19/1974	
Training due by: 08/10/2019			



## **DECONSTRUCTION INSPECTION REPORT**

### **Job Site:**

**Two Family Dwelling  
1560 West Hopkins Street  
Milwaukee, Wisconsin**

### **For:**

City of Milwaukee  
Department of Neighborhood Services  
Attn: Marge Piwaron  
841 North Broadway 1<sup>st</sup> Floor  
Milwaukee, Wisconsin 53202-3613

**HMG Report No.: 18-400-024.1560  
Inspector: Cecil Trawick  
Contract No.: 360-18-0975**

### **Prepared by:**

**HARENDA MANAGEMENT GROUP**  
1237 West Bruce Street  
Milwaukee, Wisconsin 53204  
(414) 383-4800

**December 2018**

**Signature Page**  
Deconstruction Inspection Report  
Two Family Dwelling  
1560 West Hopkins Street  
Milwaukee, Wisconsin



---

Dean Jacobsen  
Asbestos Inspector No. AII – 14370  
Expiration Date: 12/2/18  
Harenda Management Group



---

Cecil Trawick  
Asbestos Inspector No. AII – 104769  
Expiration Date: 10/2/19  
Harenda Management Group

December 26, 2018

City of Milwaukee  
Department of Neighborhood Services  
Attn: Marge Piwaron  
841 North Broadway 1<sup>st</sup> Floor  
Milwaukee, Wisconsin 53202-3613

RE: Deconstruction Inspection Report  
1560 West Hopkins Street  
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 1560 West Hopkins Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

**HARENDA MANAGEMENT GROUP**



Dean Jacobsen  
Asbestos Inspector No. AII – 14370

## **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 1560 West Hopkins Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in rear stair floor tile and linoleum, 1<sup>st</sup> floor bathroom and bedroom linoleum, and duct wrap sampled during the inspection. Asbestos was assumed to be in the roof flashing. Results are in Section IV of this report.

Lead was detected in paint on the exterior basement walls. Results are in Section V of this report.

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## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling at 1560 West Hopkins Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has vinyl and wood walls with asphalt roofing.

## II. ASEBSTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

**On November 29, 2018, HMG conducted an asbestos inspection and lead inspection of a two family dwelling, scheduled for deconstruction, located at 1560 West Hopkins Street, Milwaukee, Wisconsin. The inspection was conducted by Cecil Trawick, Wisconsin License No. AII – 104769, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.
4. Sampling of suspect lead painted masonry surfaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Paper insulation
- Caulk
- Window glazing compound
- Linoleum
- Floor tile
- Duct wrap
- Plaster
- Ceiling tile
- Texture
- Asphalt roofing
- Roof flashing
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

### III. ASEBSTOS LABORATORY

#### A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite,/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

### IV. ASEBSTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – north wall under wood siding – brown paper insulation	Negative	MPIn
2	Exterior – south wall under wood siding – brown paper insulation	Negative	MPIn
3	Exterior – east wall under wood siding – brown paper insulation	Negative	MPIn
4	Exterior – on south window – gray caulk	Negative	MCLKy
5	Exterior – on east window – gray caulk	Negative	MCLKy
6	Exterior – on west window – gray caulk	Negative	MCLKy
7	1 <sup>st</sup> floor – kitchen – on south window – glazing compound	Negative	MPG
8	1 <sup>st</sup> floor – northeast bedroom – on north window – glazing compound	Negative	MPG
9	2 <sup>nd</sup> floor – kitchen – on south window – glazing compound	Negative	MPG
10a	1 <sup>st</sup> floor – kitchen 2 <sup>nd</sup> layer – brown linoleum	Negative	MFLn
10b	1 <sup>st</sup> floor – kitchen 2 <sup>nd</sup> layer – under brown linoleum – tan mastic	Negative	MFLn

Sample #	Location and Description	Results	Homogeneous Code
11a	1 <sup>st</sup> floor – kitchen 3 <sup>rd</sup> layer – 9” multicolored floor tile	Negative	MF9m
11b	1 <sup>st</sup> floor – kitchen 3 <sup>rd</sup> layer – under 9” multicolored floor tile – brown mastic	Negative	MF9m
12a	<b>1<sup>st</sup> floor – rear stair landing under carpet – 12” white floor tile</b>	<b>Positive 3% Chrysotile</b>	<b>MF12w</b>
12b	1 <sup>st</sup> floor – rear stair landing – under 12” white floor tile – black mastic	Negative	MF12w
13	<b>1<sup>st</sup> floor – bathroom 2<sup>nd</sup> layer – gray linoleum</b>	<b>Positive 20% Chrysotile</b>	<b>MFLy</b>
14a	1 <sup>st</sup> floor – bathroom top layer – 12” white and black floor tile	Negative	MF12wk
14b	1 <sup>st</sup> floor – bathroom top layer – under 12” white and black floor tile – brown mastic	Negative	MF12wk
15	<b>1<sup>st</sup> floor – northeast bedroom – south side under carpet – red linoleum</b>	<b>Positive 20% Chrysotile</b>	<b>MFLr</b>
16	<b>1<sup>st</sup> floor – northeast bedroom – north side under carpet – white linoleum</b>	<b>Positive 20% Chrysotile</b>	<b>MFLw</b>
17	<b>1<sup>st</sup> floor – northeast bedroom – on west wall vent – duct wrap</b>	<b>Positive 60% Chrysotile</b>	<b>TDW</b>
18a	1 <sup>st</sup> floor – living room – south wall – plaster skim coat	Negative	SPI
18b	1 <sup>st</sup> floor – living room – south wall – plaster base coat	Negative	SPI
19a	1 <sup>st</sup> floor – northwest bedroom – north wall – plaster skim coat	Negative	SPI
19b	1 <sup>st</sup> floor – northwest bedroom – north wall – plaster base coat	Negative	SPI
20a	1 <sup>st</sup> floor – middle room – south wall – plaster skim coat	Negative	SPI
20b	1 <sup>st</sup> floor – middle room – south wall – plaster base coat	Negative	SPI
21a	1 <sup>st</sup> floor – kitchen – east wall – plaster skim coat	Negative	SPI
21b	1 <sup>st</sup> floor – kitchen – east wall – plaster base coat	Negative	SPI
22a	2 <sup>nd</sup> floor – rear stair – north wall – plaster skim coat	Negative	SPI
22b	2 <sup>nd</sup> floor – rear stair – north wall – plaster base coat	Negative	SPI
23a	2 <sup>nd</sup> floor – northeast bedroom – south wall – plaster skim coat	Negative	SPI
23b	2 <sup>nd</sup> floor – northeast bedroom – south wall – plaster base coat	Negative	SPI
24a	2 <sup>nd</sup> floor – kitchen – south wall – plaster skim coat	Negative	SPI
24b	2 <sup>nd</sup> floor – kitchen – south wall – plaster base coat	Negative	SPI
25	1 <sup>st</sup> floor – living room – 1’ x 1’ ceiling tile	Negative	MSCT11
26	2 <sup>nd</sup> floor – south side on ceiling – texture	Negative	STX
27	2 <sup>nd</sup> floor – west side on ceiling – texture	Negative	STX
28	2 <sup>nd</sup> floor – north side on ceiling – texture	Negative	STX
29	1 <sup>st</sup> floor – rear stair – on lower landing top layer – brown and gray linoleum	Negative	MFLny
30	<b>1<sup>st</sup> floor – rear stair – on lower landing 2<sup>nd</sup> layer – gray and white linoleum</b>	<b>Positive 20% Chrysotile</b>	<b>MFLyw</b>
31	Roof – south side – red and black asphalt shingle	Negative	MRSrk
32	Roof – northwest – red and black asphalt shingle	Negative	MRSrk
33	Roof – northeast – red and black asphalt shingle	Negative	MRSrk

Six (6) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Condition
12” White Floor Tile	MF12w	1 <sup>st</sup> Floor Rear Stair Landing Under Carpet	25 SF	Good

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Gray Linoleum	MFLy	1 <sup>st</sup> Floor Bathroom Bottom Layer Under Floor Tile	30 SF	Fair
Red Linoleum	MFLr	1 <sup>st</sup> Floor Northeast Bedroom South Side Under Carpet	40 SF	Fair
White Linoleum	MFLw	1 <sup>st</sup> Floor Northeast Bedroom North Side Under Carpet	40 SF	Fair
Gray & White Linoleum	MFLyw	Basement Stair	30 SF	Fair
Duct Wrap	SPI	1 <sup>st</sup> Floor Northeast Bedroom om West Wall Vent	3 SF	Poor

### Assumed Asbestos Containing Materials

Material	Location	Approximate Quantity	Condition
Roof Flashing	Roof at Chimney	3 SF	Good

The flashing was not accessible at the time of the inspection.

**Note #1:** The ACMs listed above are friable and category I non friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that these materials be abated prior to deconstruction.

**Note#2:** If additional materials are discovered during deconstruction that are not listed above they are to be assumed to be asbestos containing.

**Note#3:** A copy of this report should be transmitted to the deconstruction contractor.

**Note#4:** Additional duct wrap may be in basement and within walls and ceilings.

### Homogeneous Material Codes

SPI	Plaster
STX	Texture
MPIn	Brown Paper Insulation
MCLKy	Gray Caulk
MPG	Glazing Compound
MFLn	Brown Linoleum
MFLy	Gray Linoleum
MFLr	Red Linoleum
MFLw	White Linoleum
MFLnw	Brown & White Linoleum
MFLny	Brown & Gray Linoleum
MF12wk	12" White & Black Floor Tile
MF12w	12" White Floor Tile
MF9m	9" Multicolored Floor Tile
MSCT11	1' x 1' Ceiling Tile
MRSrk	Red & Black Asphalt Shingle
TDW	Duct Wrap

## V. LEAD PAINT INSPECTION

### A. Methods

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling at 1560 West Hopkins Street, Milwaukee, Wisconsin, took place on November 29, 2018. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

### B. Component Testing Results

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section X.

#### Interior: 1560 West Hopkins Street, Milwaukee, Wisconsin

- The basement was flooded at the time of the inspection and not accessible.

#### Exterior: 1560 West Hopkins Street, Milwaukee, Wisconsin

- Painted brick was observed on the exterior basement walls. Lead based paint was not detected.

The following are the laboratory results.

**Site: 1560 West Hopkins Street, Milwaukee, Wisconsin**

**Date: 11/29/18**

Paint Testing Results					
Sample	Room	Component	Substrate	Color	Result (% Lead)
P1	Exterior	South Wall	Brick	Red	0.0808

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <https://www.osha.gov/SLTC/lead/index.html> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

## VI. EXCLUSIONS

**Basement was flooded at the time of the inspection and not accessible. No access to attic. Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.**

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

## VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Quantem Laboratories for our asbestos and paint testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

*This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or*

*entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.*

## **VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST**



This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

## **ASBESTOS**

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. **Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.**

## **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central)
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>N/A</u>	Refrigerators, Freezers, Chillers
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

## **LEAD**

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

## **MERCURY**

Products that may contain mercury:

### **LIGHTING**

<u>N/A</u>	Fluorescent Lights
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

### **HVAC**

Check thermostats and any control associated with air handling units for switches containing mercury.

### **HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS**

<u>N/A</u>	Old Thermostats
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

### **BOILERS, FURNACES, HEATERS AND TANKS**

<u>N/A</u>	Mercury Flame Sensors by pilot lights
<u>N/A</u>	Manometers, Thermometers, Gauges
<u>N/A</u>	Pressure-trol
<u>N/A</u>	Float or Level Controls
<u>N/A</u>	Space Heaters

## **ELECTRICAL SYSTEMS**

<u>  N/A  </u>	Load Meters and Supply Relays
<u>  N/A  </u>	Phase Splitters
<u>  N/A  </u>	Microwave Relays
<u>  N/A  </u>	Mercury Displacement Relays

### **PCBs**

For electrical devices manufactured prior to 1987, it is safe to assume that they contain PCBs and should be managed accordingly. Most equipment manufactured after this time will say "PCB Free". The following is a list of areas in a building where PCBs may be found:

<u>  N/A  </u>	Transformers
<u>  N/A  </u>	Capacitors (appliances, electronic equipment)
<u>  N/A  </u>	Heat Transfer Equipment
<u>  N/A  </u>	Ballasts
<u>  N/A  </u>	Specialty Paints (such as for swimming pools or other industrial applications)
<u>  N/A  </u>	Sumps or Oil Traps (in maintenance and industrial facilities)

## **OTHER ENVIRONMENTAL ISSUES**

<u>  N/A  </u>	Hazardous Waste
<u>  N/A  </u>	Oil Tanks
<u>  N/A  </u>	Well Abandonment
<u>  N/A  </u>	Junk Auto Tires
<u>  N/A  </u>	Junk Boats

\* 1 Gas Meter on Exterior

## **IX. ASBESTOS LABORATORY RESULTS**



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

## Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No.	302475	Client:	Harenda Management Group
Account Number:	B929		Dean Jacobsen
Date Received:	11/30/2018		1237 West Bruce St.
Received By:	Katie Davis		Milwaukee, WI 53204
Date Analyzed:	12/10/2018	Project:	DNS
Analyzed By:	Cassie Sanborn	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.1560

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose 100	
002	2	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose 100	
003	3	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose 100	
004	4	Homogeneous	Gray Window Glazing	Asbestos Not Present	Talc 5	CaCO3
005	5	Homogeneous	Gray Window Glazing	Asbestos Not Present	Talc 5	CaCO3
006	6	Homogeneous	Gray Window Glazing	Asbestos Not Present	Talc 5	CaCO3
007	7	Homogeneous	Gray Window Glazing	Asbestos Not Present	NA	CaCO3

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Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.1560

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	8	Homogeneous	Gray Window Glazing	Asbestos Not Present	NA	CaCO <sub>3</sub>
009	9	Homogeneous	Gray Window Glazing	Asbestos Not Present	NA	CaCO <sub>3</sub>
010	10	Layered	Brown Sheet Vinyl	Asbestos Not Present	Cellulose Glass Fiber	10 CaCO <sub>3</sub> Vinyl
010a		Layered	Tan Mastic	Asbestos Not Present	NA	Glue
011	11	Layered	Gray Sheet Vinyl	Asbestos Not Present	Cellulose	10 CaCO <sub>3</sub> Vinyl
011a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue

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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
012	12	Layered	Gray Floor Tile	Asbestos Present Chrysotile 3	NA	CaCO3 Vinyl
012a		Layered	Black Mastic	Asbestos Not Present	NA	Tar
013	13	Homogeneous	Gray Sheet Vinyl	Asbestos Present Chrysotile 20	NA	CaCO3 Vinyl
014	14	Layered	Black Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
014a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
015	15	Homogeneous	Red Sheet Vinyl	Asbestos Present Chrysotile 20	NA	CaCO3 Vinyl
016	16	Homogeneous	Gray Sheet Vinyl	Asbestos Present Chrysotile 20	NA	CaCO3 Vinyl

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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
017	17	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
018	18	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
018a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand
019	19	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
019a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand
020	20	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint

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Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.1560

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
020a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand
021	21	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
021a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand
022	22	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
022a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand
023	23	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint

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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
023a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand
024	24	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
024a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand
025	25	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint
026	26	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
027	27	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
028	28	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint

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Analyzed By:	Cassie Sanborn	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.1560

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
028a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
028b		Layered	Gray Plaster	Asbestos Not Present	Hair	<1 CaCO3 Sand
029	29	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	Cellulose	20 CaCO3 Vinyl
030	30	Homogeneous	Gray Sheet Vinyl	Asbestos Present Chrysotile	20	NA CaCO3 Vinyl
031	31	Homogeneous	Black Shingle	Asbestos Not Present	Glass Fiber	25 Tar Sand
032	32	Homogeneous	Black Shingle	Asbestos Not Present	Glass Fiber	25 Tar Sand

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Received By: Katie Davis      Milwaukee, WI 53204  
Date Analyzed: 12/10/2018      Project: DNS  
Analyzed By: Cassie Sanborn      Project Location: Milwaukee, WI  
Methodology: EPA/600/R-93/116      Project Number: 18-400-024.1560

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
033	33	Homogeneous	Black Shingle	Asbestos Not Present	Glass Fiber 25	Tar Sand

*Cassie Sanborn*

Cassie Sanborn, Analyst

12/10/2018

Date of Report

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# ASBESTOS CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502  
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

Page 1 of \_\_\_\_

## LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only

Lab No. 302475

☒ Accept ☐ Reject

Contact Information		Project Information		Report Results ( <input checked="" type="checkbox"/> one box)	
Company: Harenda Management Group	Phone: (414) 383-4800	Project Name: DNS		<input checked="" type="checkbox"/> Quantem Website	
Contact: Dean Jacobsen	Cell Phone:	Project Location: Milwaukee, WI		<input type="checkbox"/> Other <u>email</u>	
Account #: B929	E-mail: dean.jacobsen@kphenvironmental.com	Project ID: 18-400-024.1560			
SAMPLED BY: Name:	Date:	P.O. Number:			

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<u>Dean Jacobsen</u>	<u>11/29/18 1200</u>	<u>FedEx</u>	<u>[Signature]</u>	<u>11-30-18 09:30</u>

### REQUESTED SERVICES (Please ☒ the Appropriate Boxes)

PLM		PLM		TEM		TEM		TURNAROUND TIME	
<input checked="" type="checkbox"/> Bulk Analysis (EPA 600/R-93/116)		<input type="checkbox"/> Vermiculite Attic Insulation (EPA 600/R-04/004)		<input type="checkbox"/> Air- AHERA		<input type="checkbox"/> Bulk- Presence / Absence EPA600/R-93/116		<input type="checkbox"/> Rush	
<input type="checkbox"/> 400 Point Count		<input type="checkbox"/> Other		<input type="checkbox"/> Air- NIOSH 7402		<input type="checkbox"/> Bulk- Quantitative [weight%]- Chatfield		<input type="checkbox"/> Same Day	
<input type="checkbox"/> 1000 Point Count				<input type="checkbox"/> Air- ISO 10312		<input type="checkbox"/> Dust- Presence / Absence		<input type="checkbox"/> 24 - Hour	
<input type="checkbox"/> Gravimetric Preparation				<input type="checkbox"/> Drinking Water- EPA 100.2		<input type="checkbox"/> Dust- Quantitative [fibers/sq.cm]- ASTM D5755		<input type="checkbox"/> 3 - Day	
<input type="checkbox"/> Particle ID		<input type="checkbox"/> NIOSH 7400		<input type="checkbox"/> Waste Water- EPA 600/4-83-043		<input type="checkbox"/> Other		<input checked="" type="checkbox"/> 5 - Day	

No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	<u>i</u>	<input checked="" type="checkbox"/>				
2	<u>2</u>	<input type="checkbox"/>				
3	<u>3</u>	<input type="checkbox"/>				
4	<u>4</u>	<input type="checkbox"/>				
5	<u>5</u>	<input type="checkbox"/>				
6	<u>6</u>	<input type="checkbox"/>				
7	<u>7</u>	<input type="checkbox"/>				
8	<u>8</u>	<input type="checkbox"/>				
9	<u>9</u>	<input type="checkbox"/>				
10	<u>10</u>	<input checked="" type="checkbox"/>				



# ASBESTOS CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502  
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

**LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

Page 2 of 3

For Lab Use Only	
Lab No. <u>302475</u>	
<input checked="" type="radio"/> Accept	<input type="radio"/> Reject

Project Information						
Company: <u>Harenda Management Group</u>			Project Name: <u>DNS</u>		Project Location: <u>Milwaukee, WI</u>	
No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	<u>11</u>	<input checked="" type="checkbox"/>				
12	<u>12</u>	<input type="checkbox"/>				
13	<u>13</u>	<input type="checkbox"/>				
14	<u>14</u>	<input type="checkbox"/>				
15	<u>15</u>	<input type="checkbox"/>				
16	<u>16</u>	<input type="checkbox"/>				
17	<u>17</u>	<input type="checkbox"/>				
18	<u>18</u>	<input type="checkbox"/>				
19	<u>19</u>	<input type="checkbox"/>				
20	<u>20</u>	<input type="checkbox"/>				
21	<u>21</u>	<input type="checkbox"/>				
22	<u>22</u>	<input type="checkbox"/>				
23	<u>23</u>	<input type="checkbox"/>				
24	<u>24</u>	<input type="checkbox"/>				
25	<u>25</u>	<input type="checkbox"/>				
26	<u>26</u>	<input type="checkbox"/>				
27	<u>27</u>	<input type="checkbox"/>				
28	<u>28</u>	<input type="checkbox"/>				
29	<u>29</u>	<input type="checkbox"/>				
30	<u>30</u>	<input checked="" type="checkbox"/>				



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Page 3 of \_\_\_\_\_

For Lab Use Only

Lab No. 302475

Accept

Reject

Project Information						
Company: Harenda Management Group			Project Name: DNS		Project Location: Milwaukee, WI	
No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
31	31	<input checked="" type="checkbox"/>				
32	32	<input type="checkbox"/>				
33	33	<input checked="" type="checkbox"/>				
34		<input type="checkbox"/>				
35		<input type="checkbox"/>				
36		<input type="checkbox"/>				
37		<input type="checkbox"/>				
38		<input type="checkbox"/>				
39		<input type="checkbox"/>				
40		<input type="checkbox"/>				
41		<input type="checkbox"/>				
42		<input type="checkbox"/>				
43		<input type="checkbox"/>				
44		<input type="checkbox"/>				
45		<input type="checkbox"/>				
46		<input type="checkbox"/>				
47		<input type="checkbox"/>				
48		<input type="checkbox"/>				
49		<input type="checkbox"/>				
50		<input type="checkbox"/>				



## **X. LEAD LABORATORY RESULTS**



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

## Environmental Chemistry Analysis Report

**QuanTEM Set ID:** 302469  
**Date Received:** 11/30/18  
**Received By:** Taylor Hooper  
**Date Sampled:**  
**Time Sampled:**  
**Analyst:** CR  
**Date of Report:** 12/06/18

**Client:** Harenda Management Group  
Dean Jacobsen  
1237 West Bruce St.  
Milwaukee, WI 53204  
**Acct. No.:** B929  
**Project:** DNS  
**Location:** Milwaukee, WI  
**Project No.:** 18-400-024.1560

AIHA ID: 101352

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P1	Paint	Lead	0.0808	0.00488	%	12/06/18 15:36	P EPA 7000B (1)

Authorized Signature: \_\_\_\_\_

Cherry Rossen, Technical Manager

Note: Sample results have not been corrected for blank values.

This report applies only to the standards or procedures indicated and to the specific samples tested. It is not indicative of the qualities of apparently identical or similar products or procedures, nor does it represent an ongoing assurance program unless so noted. These reports are for the exclusive use of the client and are not to be reproduced without specific written permission. QuanTEM is not responsible for user-supplied data used in calculations.

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Wipe materials must meet ASTM E1792 criteria. Method detection limits and resultant reporting limits may not be valid for non-ASTM E1792 wipe material.

EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified

EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified



www.QuanTEM.com

## LEAD CHAIN OF CUSTODY

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Page 1 of 1

### LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only

Lab No. 302469

Accept ☒ Reject ☐

Report Results (☒ one box)

☒ **QuanTEM Website**

Other email \_\_\_\_\_

Contact Information		Project Information	
Company: Harenda Management Group	Phone: (414) 383-4800	Project Name: DNS	
Contact: Dean Jacobsen	Cell Phone:	Project Location: Milwaukee, WI	
Account #: B929	E-mail: djacobsen@harenda.com	Project ID: 18-400-024.1560	

Sampled By:	Name:	Date:
-------------	-------	-------

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
	11/29/18 1200	FedEx		11-30-18 9:30

### REQUESTED SERVICES (Please ☒ the Appropriate Boxes)

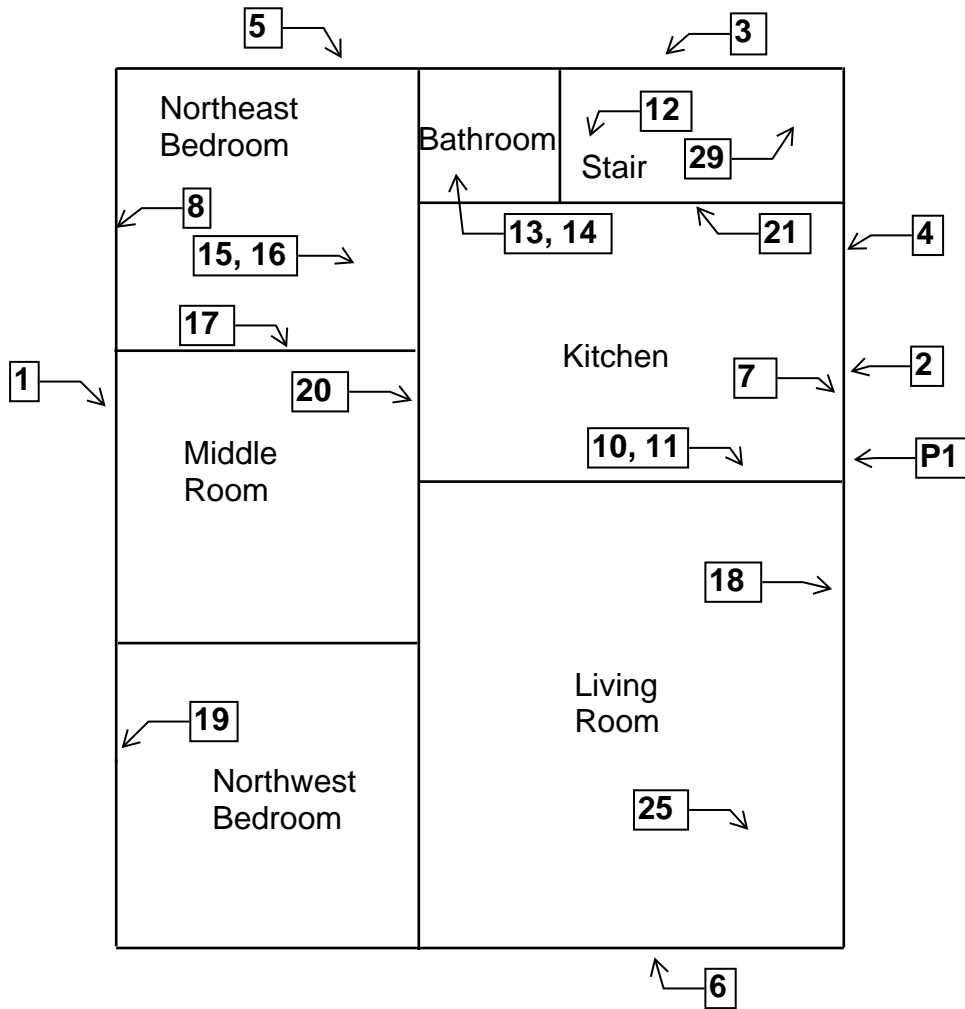
No.	Sample ID (10 Characters Max)	Sample Description	Volume (Liters)	Volume Area (Length x Width)	Sample Matrix (see matrix code box)	Analysis			Units ( <input checked="" type="checkbox"/> ONE box only)						Sample Matrix Codes		
						Pb			PPM	Wt %	mg / l	µg / ft <sup>2</sup>	µg / m <sup>3</sup>	mg / cm <sup>2</sup>	A	Soil	
1	P1				B	X				X							
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

TURNAROUND TIME	
	Same Day
	24 - Hour
	3 - Day
X	5 - Day

## **XI. FLOOR PLANS**

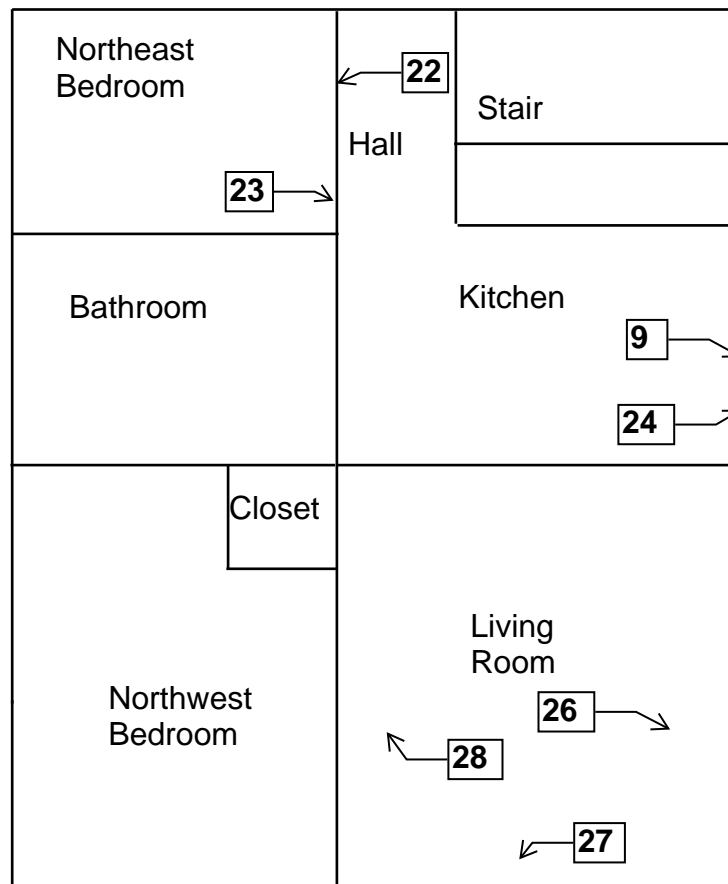
**Two Family Dwelling**  
**1560 West Hopkins Street**  
**Milwaukee, Wisconsin**

1st Floor Plan



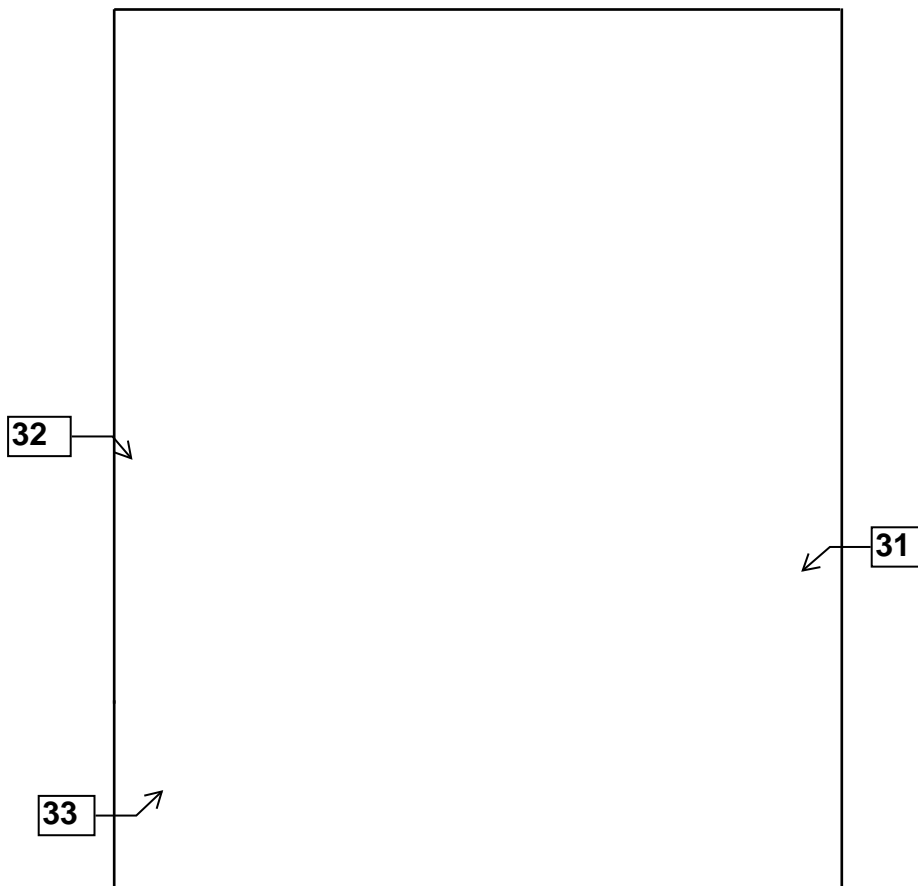
**Two Family Dwelling  
1560 West Hopkins Street  
Milwaukee, Wisconsin**

2nd Floor Plan



**Two Family Dwelling  
1560 West Hopkins Street  
Milwaukee, Wisconsin**

Roof Floor Plan



## **XII. HMG CERTIFICATION**



# Company Certificate

This certifies that

**HARENDA MANAGEMENT GROUP**

1237 W BRUCE ST.  
MILWAUKEE WI 53204-1218


is certified under ch. DHS 159, Wis.Adm.Code as a

**Asbestos Company - Primary**

Certificate Issue Date: 06/23/2017  
Expiration Date: 08/31/2019, 12:01 a.m.  
Certification #: CAP-480540

Wisconsin Department of Health Services  
Division of Public Health  
Bureau of Environmental and Occupational Health  
Asbestos & Lead Section  
PO Box 2659  
Madison WI 53701-2659  
Phone: (608) 261-6876



  
*Shelley A Bruce*  
Shelley A Bruce,  
Unit Supervisor





State of Wisconsin  
Department of Health Services

Scott Walker  
Governor

Linda Seemeyer  
Secretary

August 27, 2018

CECIL JAMES TRAWICK JR  
1237 W BRUCE ST  
MILWAUKEE WI 53204-1218

ID# AII-104769

**Congratulations!** Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

**Follow Wisconsin law by making sure that you:**

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing [DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov), by using our Lead and Asbestos Online Certification website, [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo), or by mailing a note to:

Lead and Asbestos Section  
1 W. Wilson St., Room 137  
P.O. Box 2659  
Madison WI 53701-2659

4. Take refresher training well before the "Training due by" date printed on your blue card.
  - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.  
Find asbestos training providers at [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
  - o Lead-certified individuals can refresh up to **1 year** before the due date.  
Find lead training providers at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead).
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead) or [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you are exercising your professional responsibility. Contact us at the phone number below and on the back of your blue card.

The Lead and Asbestos Certification Program  
(608) 261-6876  
[DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov)  
[www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos)  
[www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead)

**COPY**





# Policy Prohibiting Firearms and Dangerous Weapons in the Workplace

Department of Employee Relations

November 10, 2011

*Revised February 27, 2012*



## ***Policy Statement***

The City of Milwaukee has a zero tolerance policy for firearms and dangerous weapons in the workplace. Accordingly, the City of Milwaukee prohibits employees from carrying or possessing a firearm or dangerous weapon while acting in the course and scope of their employment for and on behalf of the City of Milwaukee. This policy applies to all general city employees, including students, volunteers, staffing agency workers or contractors working in the course and scope of their employment with the City of Milwaukee.

## ***Definitions***

Employee - Employee includes any person, excluding law enforcement personnel, who performs services for the City of Milwaukee, either compensated or uncompensated.

Firearm or dangerous weapon - for purposes of this policy a firearm or dangerous weapon includes, but is not limited to, the following:

- (1) A firearm, whether loaded or unloaded, from which a shot may be discharged including but not limited to handguns, pistols, revolvers, shotguns, rifles, and bb guns;
- (2) A gun that can discharge a shot or a projectile by means of an explosive or gas, or compressed air;
- (3) A device designed to be used as a weapon, from which can be expelled a projectile by the force of any explosion or force of combustion;
- (4) Any weapon (including a starter gun) which will or is designed to or may readily be converted to expel a projectile by the action of an explosive;
- (5) Any destructive device;
- (6) Any device designed as a weapon and capable of producing great bodily harm, including but not limited to, stun guns, stun batons;
- (7) An electric weapon such as a taser gun;
- (8) Any combustible or flammable liquid, or other substance, device, or instrumentality that, in a manner it is used or intended to be used, is calculated or likely to produce death or great bodily harm, or any fire that is used to produce death or great bodily harm; and,
- (9) Any knife *that is carried with intention or calculation to produce death or great bodily harm. Switchblades are specifically prohibited. (A Leatherman or other small pocket knife is permissible, as long as the blade is 3 inches or less in length. Knives intended to be used as eating utensils, and stored or maintained in office kitchens or lunchrooms do not represent a violation of this policy.)*

## ***Prohibitions***

Regardless of whether a city employee possesses a concealed weapons license or is allowed by law to possess a weapon, all employees are prohibited from possessing, transferring, carrying, selling and storing firearms or dangerous weapons while working on city property or while acting within the course of their employment when not on City of Milwaukee property. This prohibition applies anywhere City business is conducted as summarized below:

- working on property owned, leased or controlled by the City;
- performing work for the City at any location including private residences and commercial establishments and other customer or client locations;
- driving or riding as a passenger in a city vehicle;
- attending trade shows, conferences, or training on behalf of the City;
- attending City of Milwaukee directed or sponsored activities or events (intended for city employees only and not the general public) independent of venue;
- Riding any type of mass transit while on City business;
- Working off-site on behalf of the City (excluding the employee's residence);
- performing emergency or on-call work for the City after normal business hours and on weekends;
- Attending training or conferences on behalf of the City.

City employees may possess, carry and store a firearm or dangerous weapon in their own motor vehicles if they have obtained the appropriate license as required by applicable state and federal laws. Employees who use a personal vehicle in the course and scope of their employment are required to keep the permitted firearm or dangerous weapon stored out of sight and in a secure location.

Violation of this Policy is considered a serious offense that endangers the safety of employees and others. Therefore, this any offense may result in severe disciplinary action up to and including discharge from employment. When appropriate a referral to law enforcement may be made which may result in criminal charges.

## ***Safety First***

In applying this policy, no employee shall take any action that will risk his or her own safety or the safety of other individuals. No attempt should ever be made by an employee to restrain or forcibly evict an armed person from City premises. Employees in facilities without a designated Police or security force may inform individuals carrying weapons of the law and ask for their compliance. This should be done in an informative, calm and non-confrontational manner. An individual's continued non-compliance after being properly informed of the law should result in notification to the Police Department. Employees in facilities with a designated Police or security force should make all attempts to defer intervention in concealed or open carry situations to those groups by contacting designated security personnel via established reporting mechanisms.

An employee who feels an immediate risk to his or her own safety or the safety or security of others, should avoid any interaction with the individual. Steps should be taken to secure their area



and immediately contact the Police Department by calling 9-911 and their assigned building security (where applicable).

### ***Report of Violations***

#### ***Employee Violations***

Employees are required to report violations of this Policy without regard to the relationship between the individual who initiates the prohibited behavior and the individual reporting it.

An employee who believes that another employee may be in violation of this policy should report the alleged violation to the employee's manager or supervisor, the department head, or the appropriate departmental Human Resources representative.

The City will promptly investigate allegations of violations of this policy. Supervisors and managers are responsible for establishing and modifying procedures as necessary to carry out and comply with this Policy in accordance with applicable laws and City ordinances. Departments are responsible for implementing protocols for handling a prohibited weapon upon discovery.

The City reserves the right to authorize searches for prohibited weapons on its property when a violation is reported or when probable cause or reasonable suspicion is present consistent with law. Employees should be aware that there is no reasonable expectation of privacy with respect to weapons in the workplace. The City's right to conduct searches includes, but is not limited to, such areas and items as lockers, desks, workstations, purses, briefcases, bags, and toolboxes, and lunch bags. Searches of the employee's work area and belongings, as described above, *may* be conducted by the employee's supervisor and another member of management. Searches of all types, including surrounding City property, personal property and the employee may be conducted by law enforcement in accordance with law should reasonable suspicion be present. Any weapon found in violation of this Policy may be confiscated. Refusal to permit a search may result in discipline up to and including discharge.

#### ***Visitor Violations***

Visitors to posted no-carry City facilities are not allowed to carry a weapon on the premises. If a visitor does bring a weapon into a City facility a determination will need to be made as to the level of risk the visitor carries.

Any visitor carrying a weapon into a posted no-carry City facility is creating an elevated risk to security and safety that warrants a response leading to compliance with the law. If the visitor poses an immediate risk to security or safety the Police Department should be notified immediately by calling 9-911. The visitor should be considered an immediate risk to safety and security if he/she is acting in an aggressive, belligerent, confrontational, suspicious or in an otherwise questionable manner while carrying a weapon.

### ***Anti-Retaliation Provision***

No employee or City official may retaliate against an employee who has reported a possible violation of this policy.

### ***Roles and Responsibilities***

Employees are responsible for understanding and complying with the Policy Prohibiting Firearms and Dangerous Weapons in the Workplace. Whenever there is a question as to whether an instrument, article or substance is considered a weapon in violation of this policy, it is the employee's responsibility to seek clarification. Employees seeking clarification should direct their questions to their Department Head or the City's Security Operations Manager at 286-2145 prior to bringing the item(s) to City work sites and events, as well as City-owned or leased facilities or vehicles.

City departments shall ensure that employees complete a statement acknowledging receipt and understanding of this policy.

175232